

INFORMATIKA

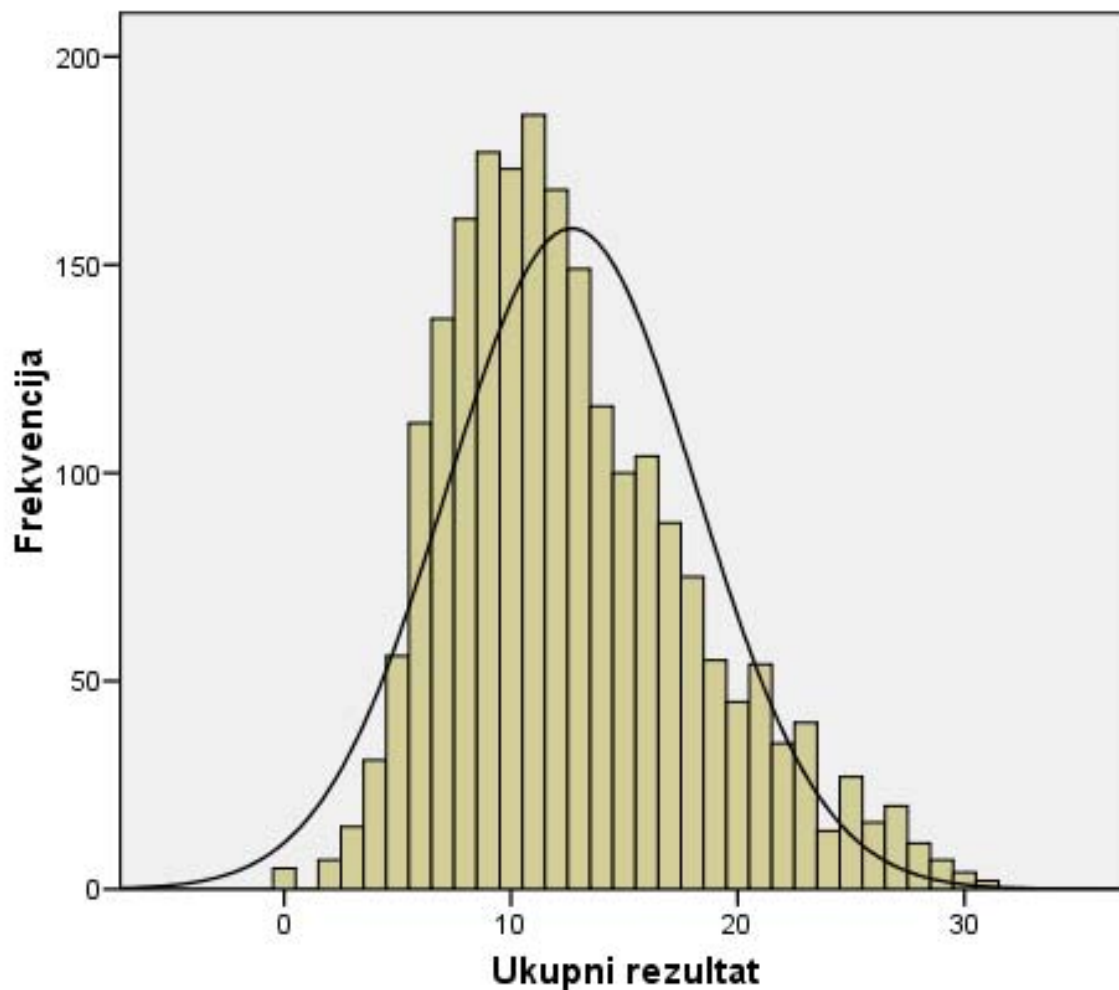
Rezultati probne državne mature

Deskriptivna statistika ukupnog rezultata

N		2190
k		32
M		12,7
St. pogreška mjerenja		2,27
Medijan		12
Mod		11
St. devijacija		5,50
Raspon		31
Minimum		0
Maksimum		31
Percentili	25	9
	50	12
	75	16
Cronbachov α		0,83

Deskriptivna statistika ukupnog rezultata

Histogram



Mean =12,68
Std. Dev. =5,503
N =2.190

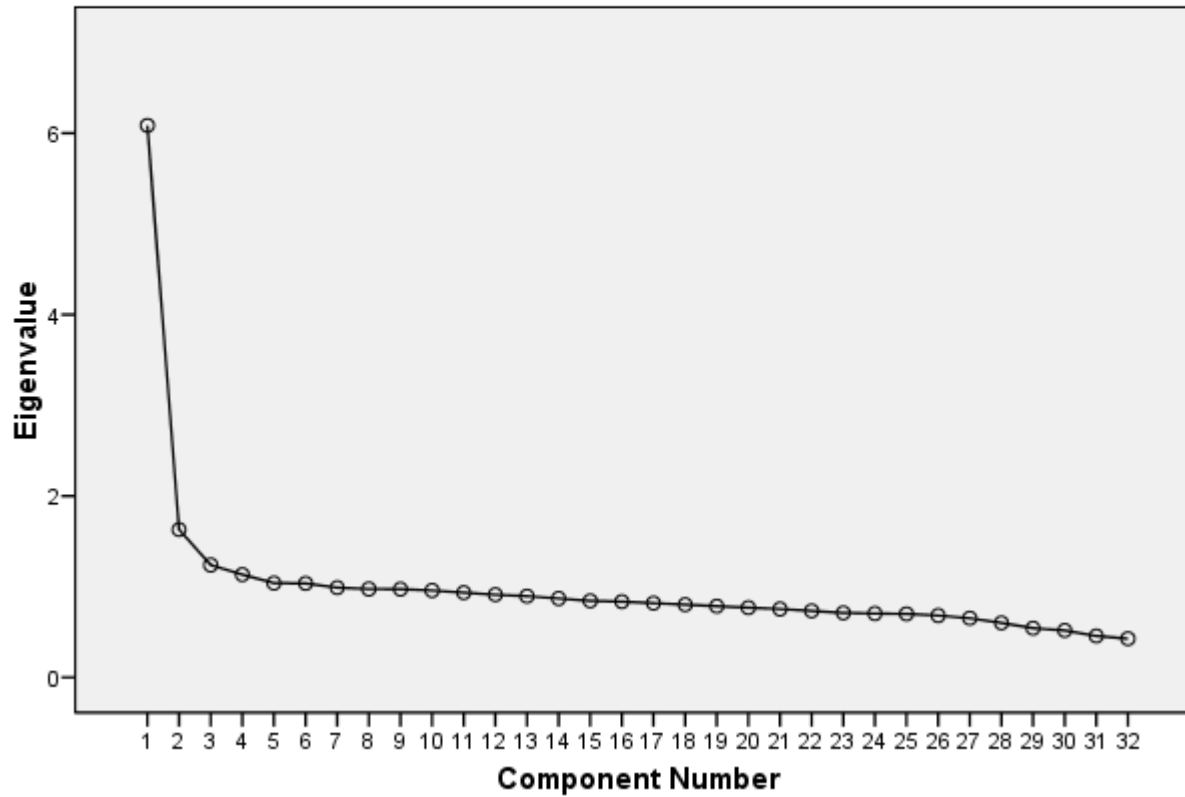


Pragovi ocjena i postotak učenika koji su
dobili pojedinu ocjenu

	1	2	3	4	5
Prag	-	8	12	17	27
%	16	32	29	21	2



Scree Plot



- 1 faktor, objašnjava 19% varijance

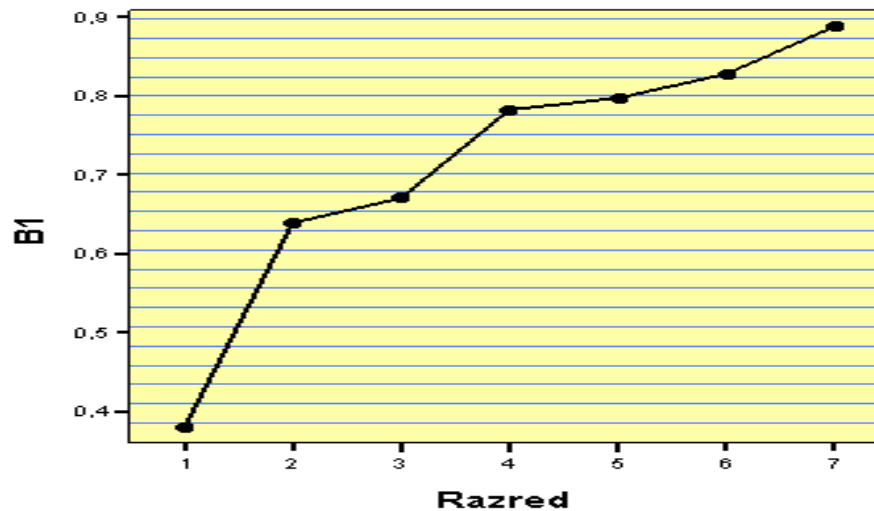
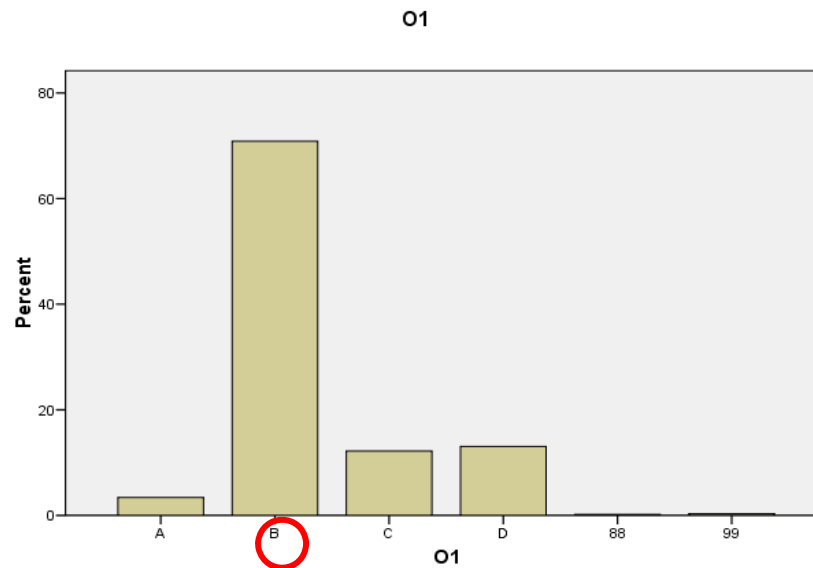


Težina zadatka	Redni broj zadataka
Vrlo težak (0 – 0,2)	3, 15, 17, 25, 26, 28, 29, 30, 31, 32
Težak (0,21 – 0,4)	2, 4, 7, 12, 19, 23, 24
Srednje težak (0,41 – 0,6)	5, 6, 11, 13, 14, 18, 20, 21, 27
Lagan (0,61 – 0,80)	1, 8, 9, 16, 22
Vrlo lagan (0,81 – 1)	10

I. ZADATCI VIŠESTRUKOGA IZBORA

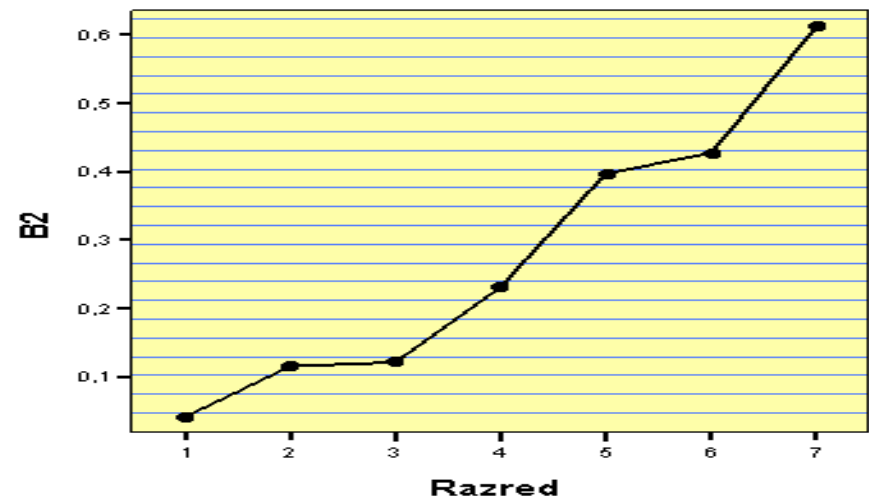
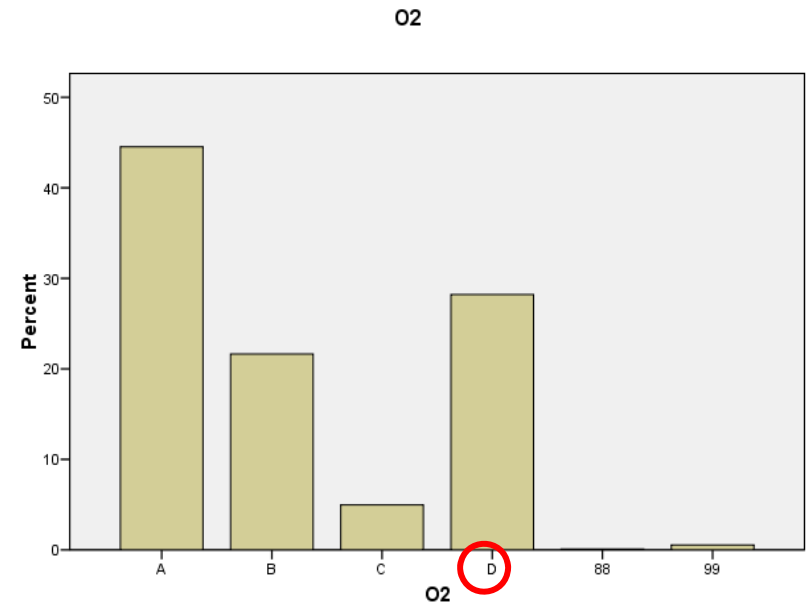
1. Koju skupinu nastavaka čine samo audiodatoteke?

M	0,71
M (O)	0,7
ID	0,25



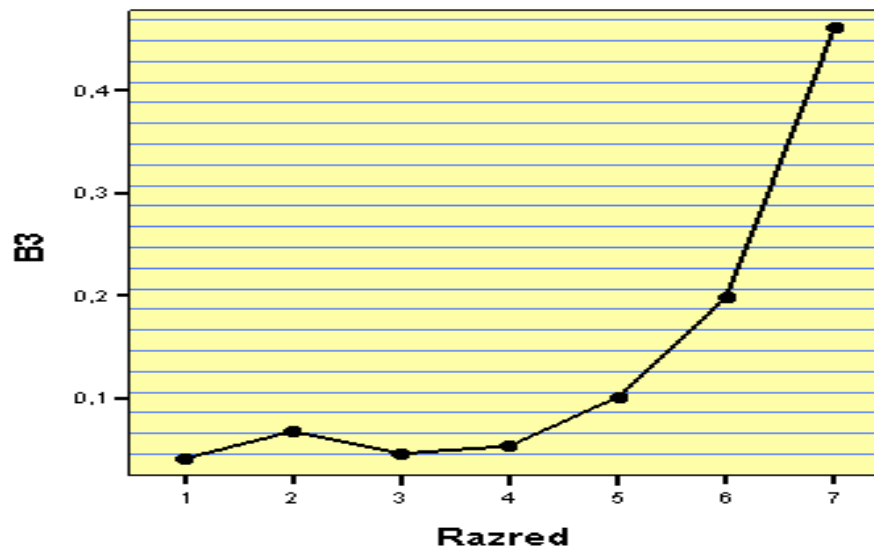
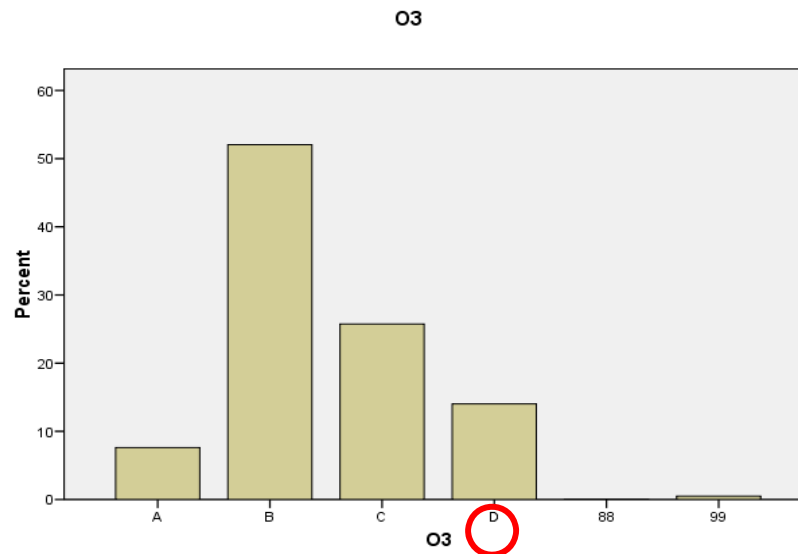
2. Koji se protokol rabi za slanje i primanje poruka...

M	0,28
M (O)	0,5
ID	0,36



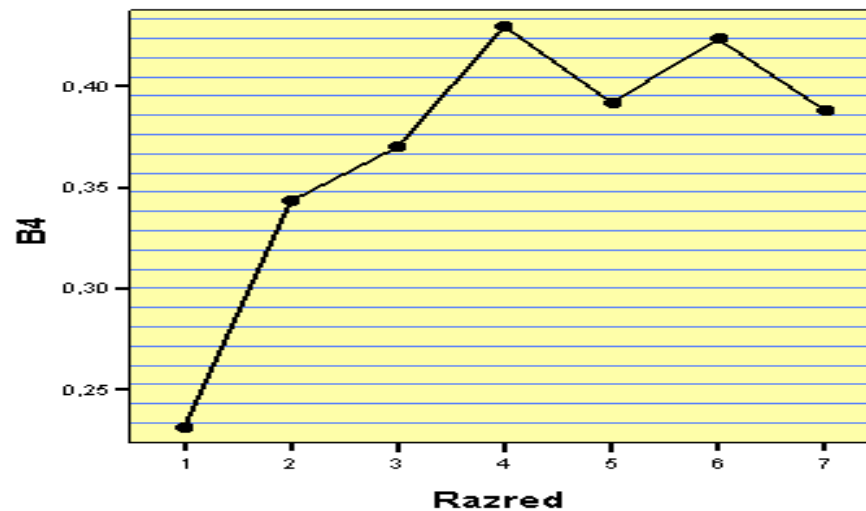
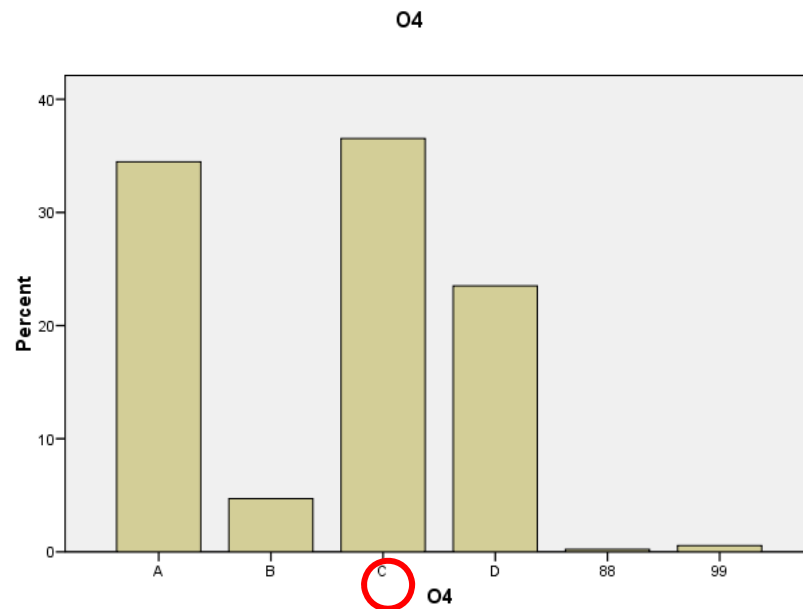
3. Brzina skidanja podataka s interneta je stalna...

M	0,14
M (O)	0,4
ID	0,36



4. Na koji ćemo naćin oznaćiti jednu rećenicu...

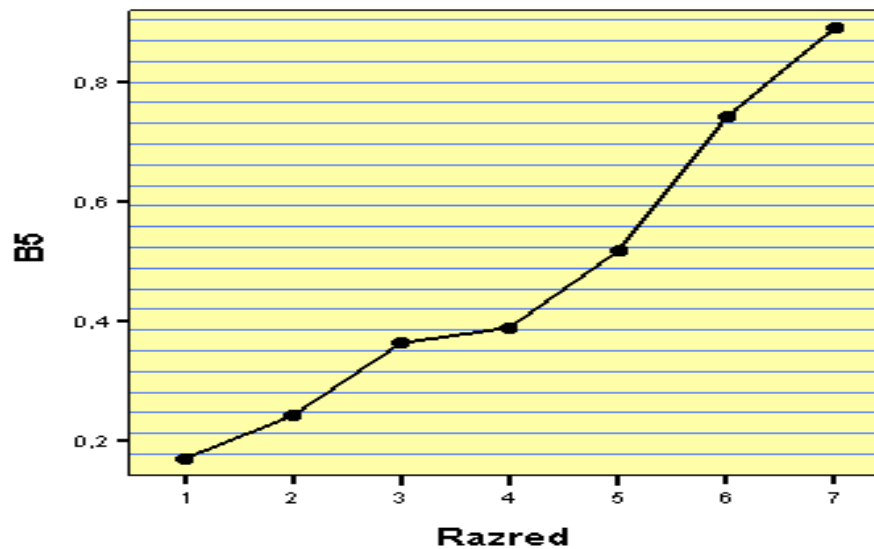
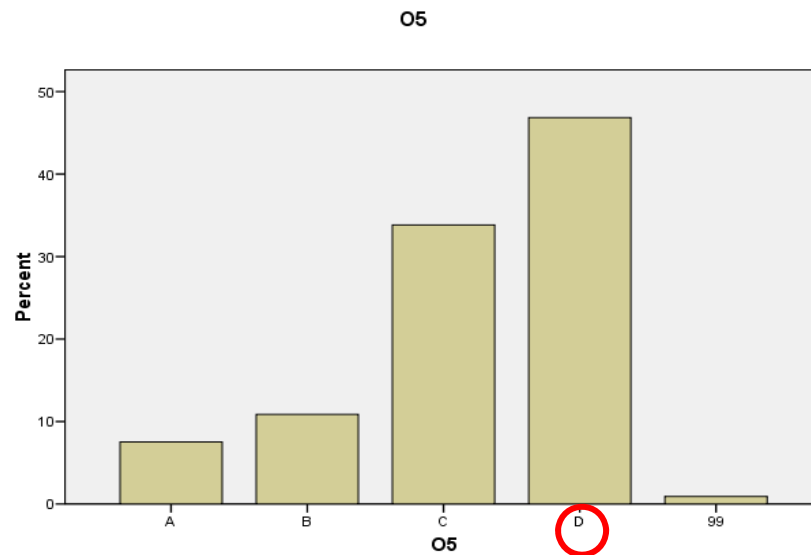
M	0,37
M (O)	0,3
ID	0,002



5. Zadan je matematički izraz:

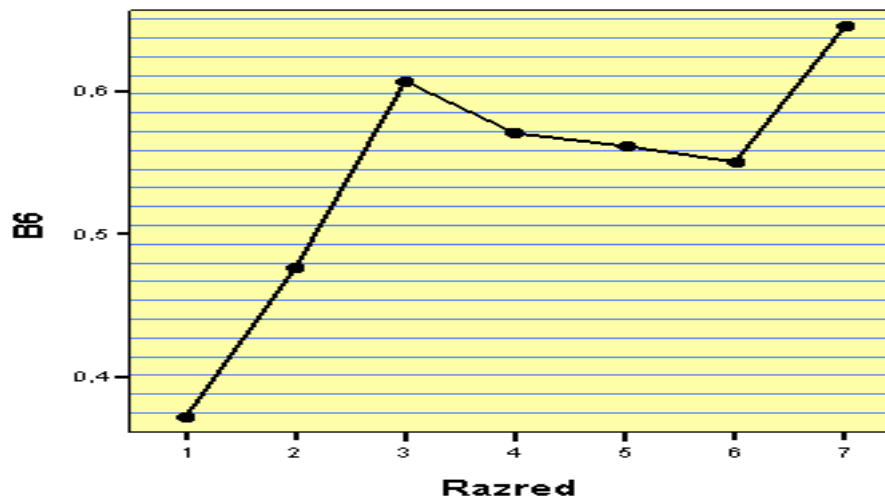
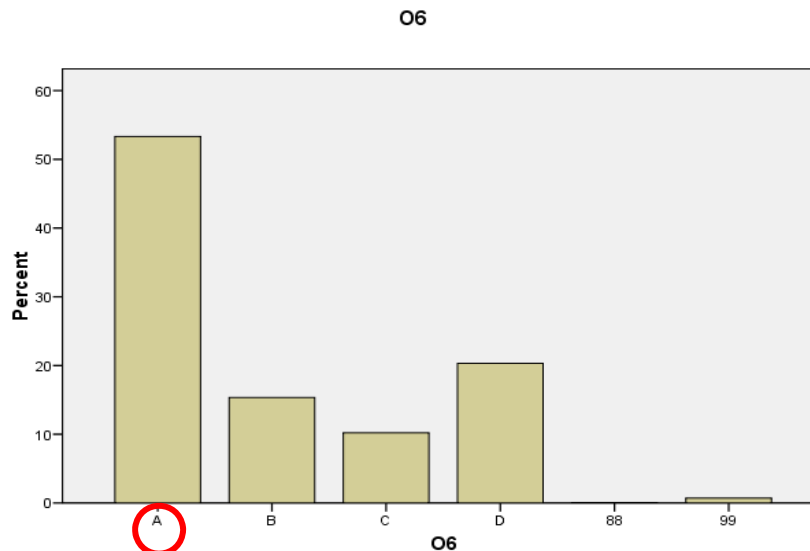
$$z = x^2 - y^2 \dots$$

M	0,47
M (O)	0,6
ID	0,42



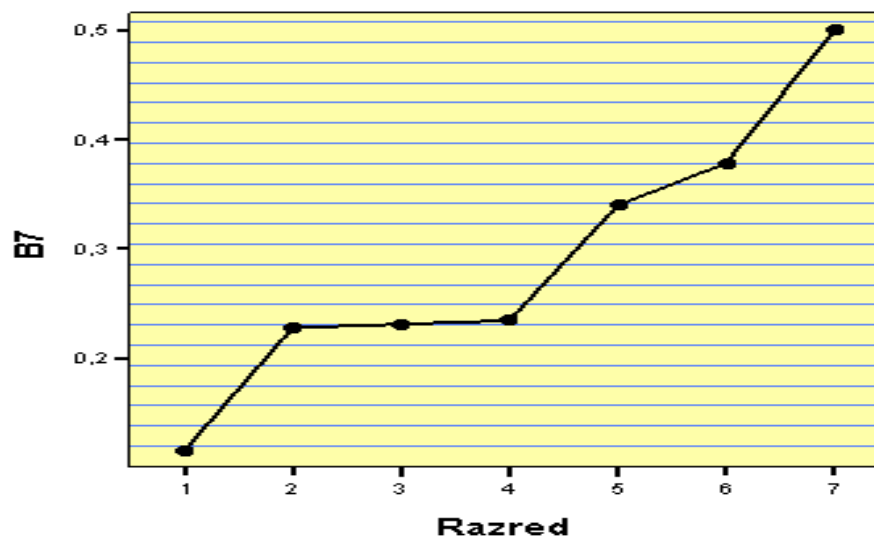
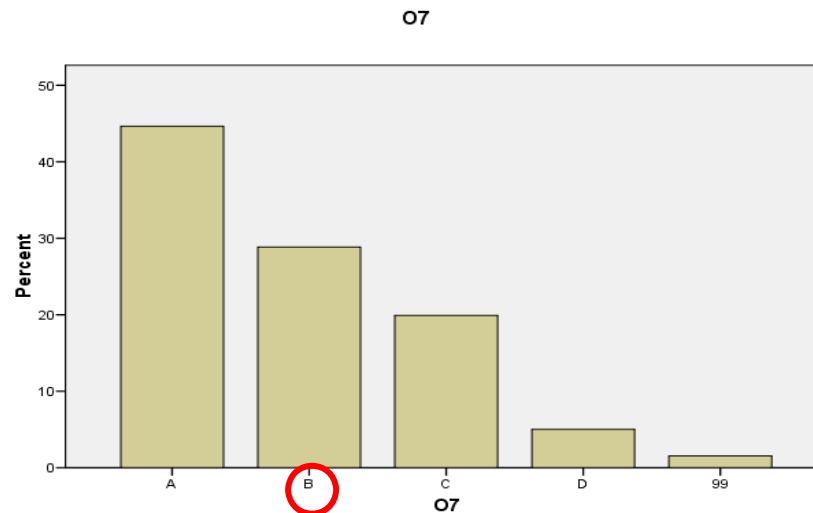
6. U programu za proračunske tablice stvoren je prikazani dio tablice...

M	0,53
M (O)	0,6
ID	0,06



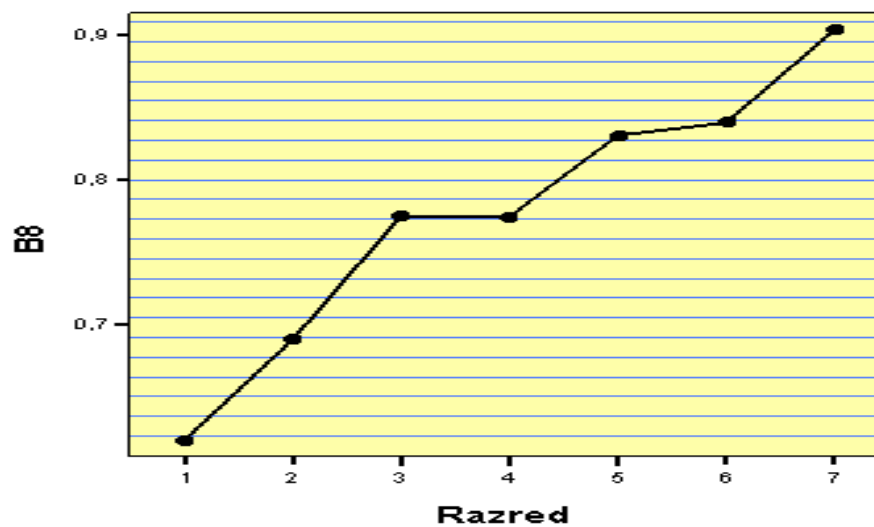
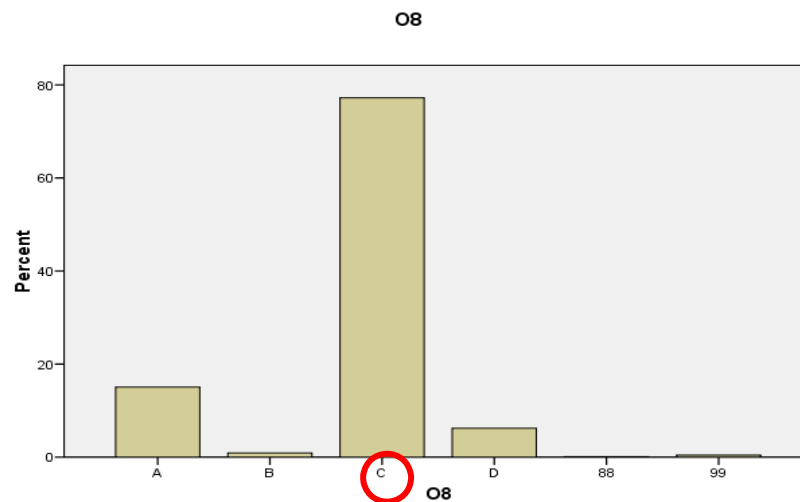
7. U programu za proračunske tablice stvoren je prikazani dio tablice...

M	0,29
M (O)	0,2
ID	0,20



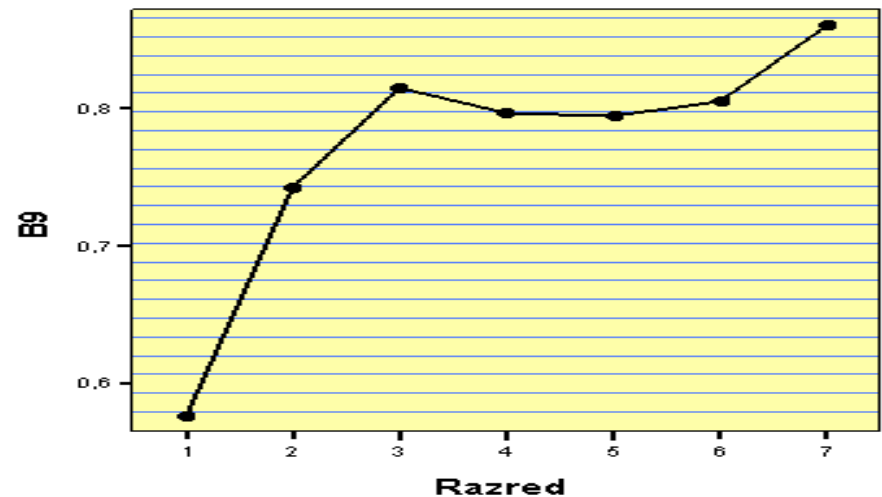
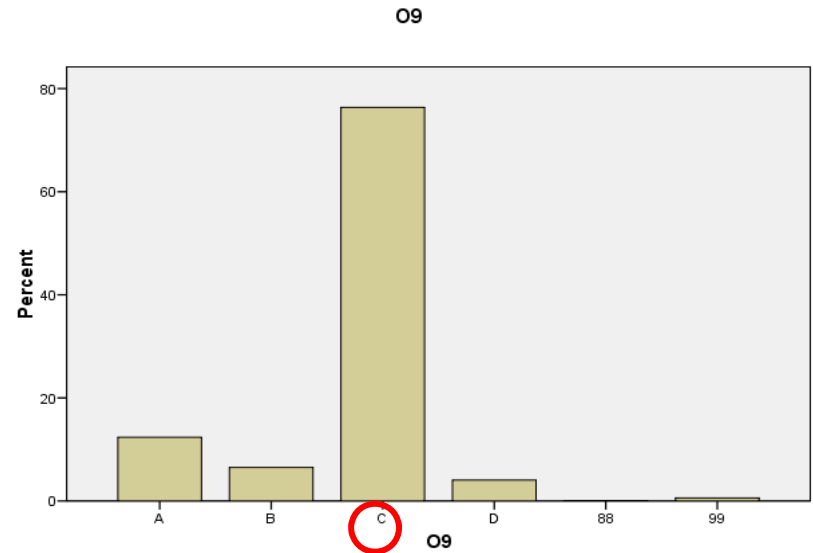
8. U tablici je prikazana prosječna temperatura zraka...

M	0,77
M (O)	0,3
ID	0,14



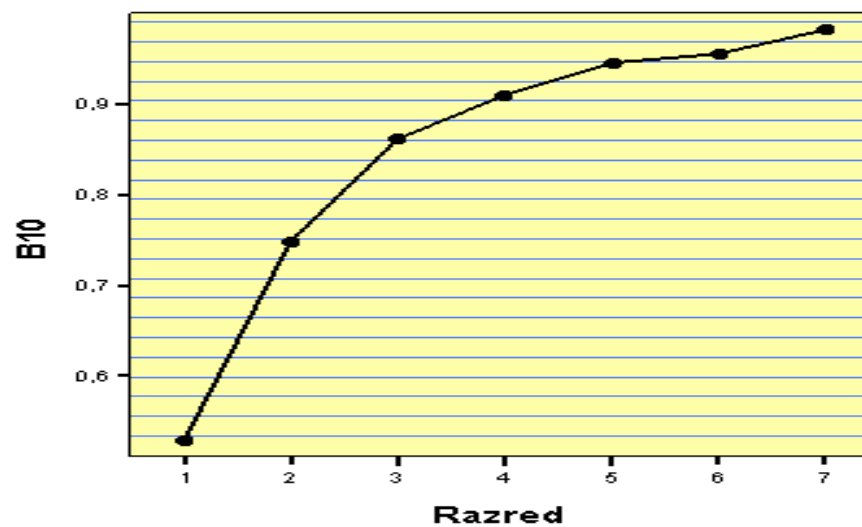
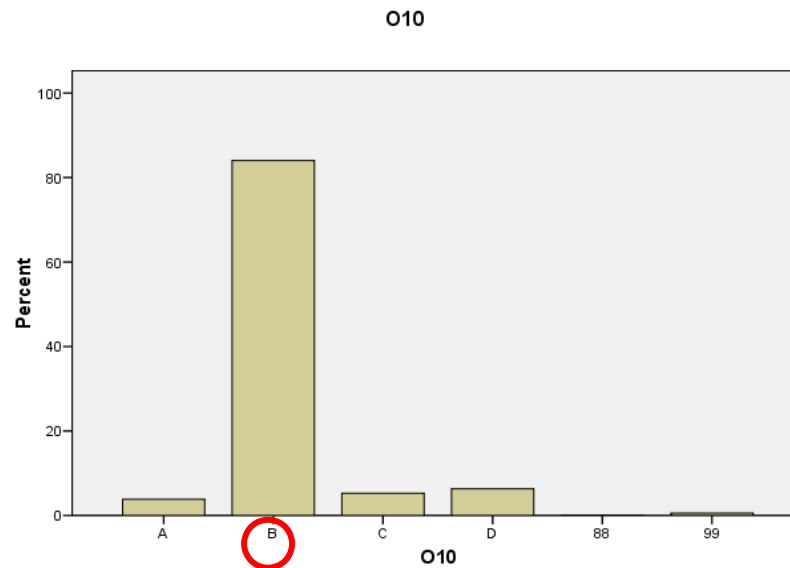
9. Koji uređaj omogućuje prijenos podataka između lokalne mreže i interneta?

M	0,76
M (O)	0,4
ID	0,10



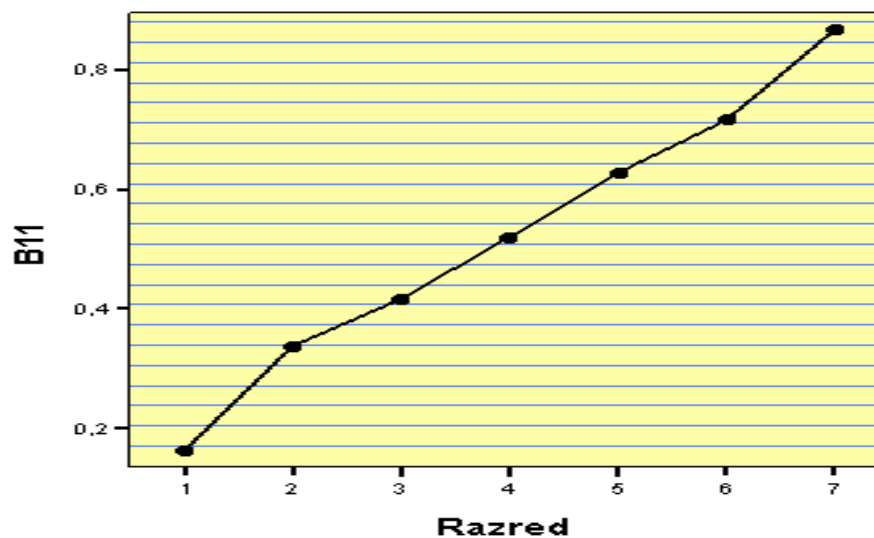
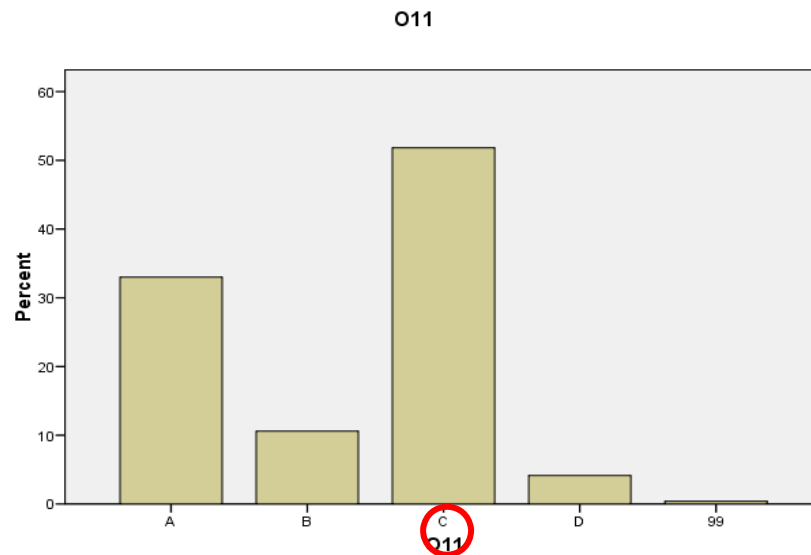
10. Kako se naziva umnožak broja točkica...

M	0,84
M (O)	0,5
ID	0,30



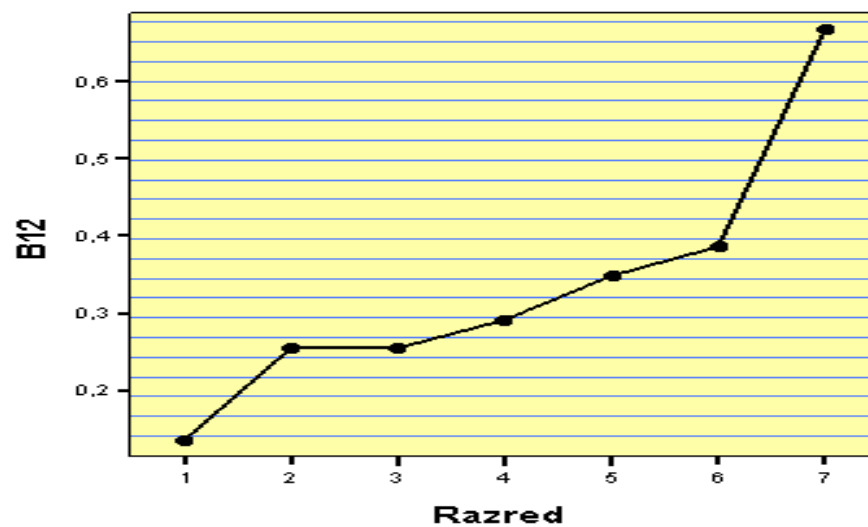
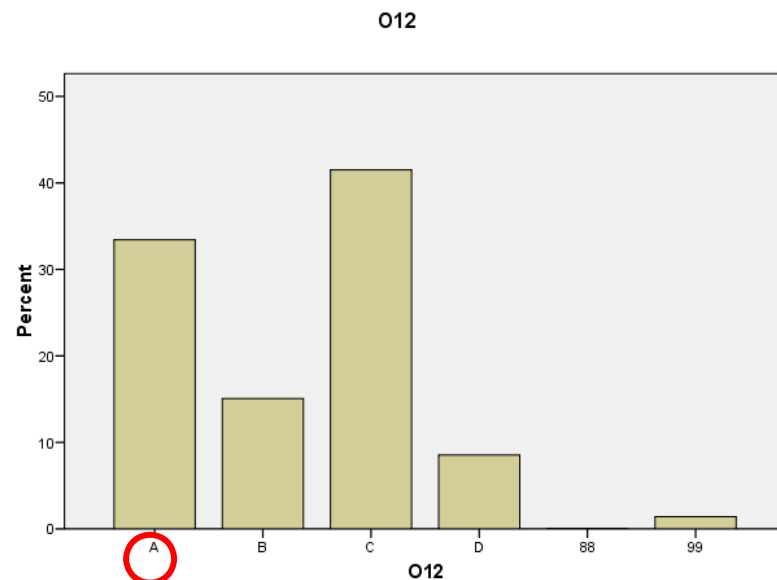
11. Kako se naziva memorija u koju se podatci upisuju...

M	0,52
M (O)	0,9
ID	0,37



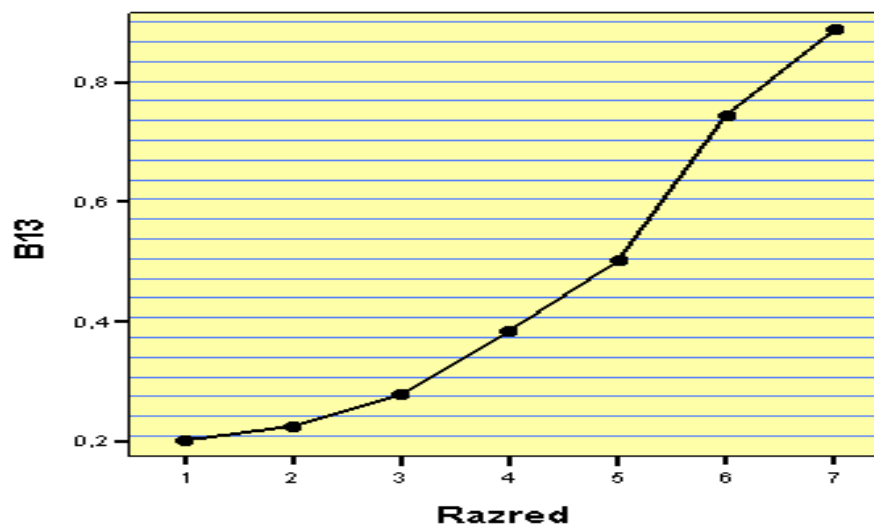
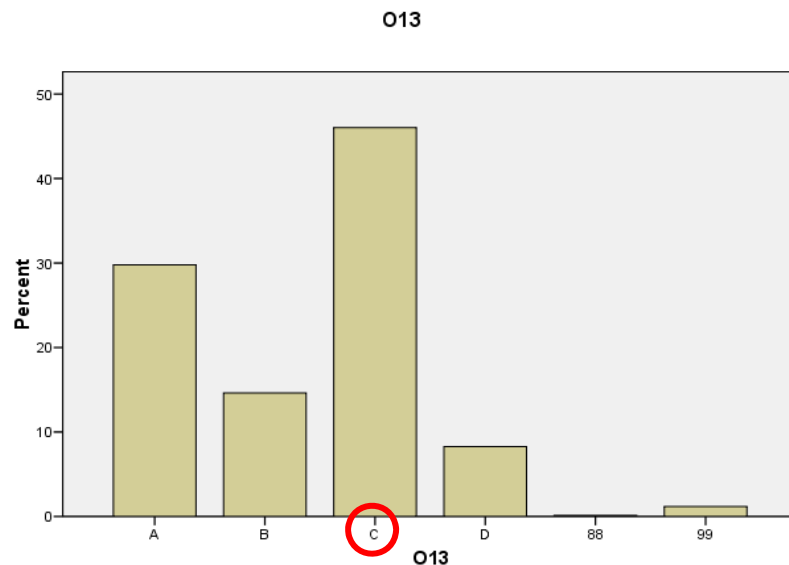
12. Koji je dekadski zapis binarnoga broja 101, 11?

M	0,33
M (O)	0,5
ID	0,28



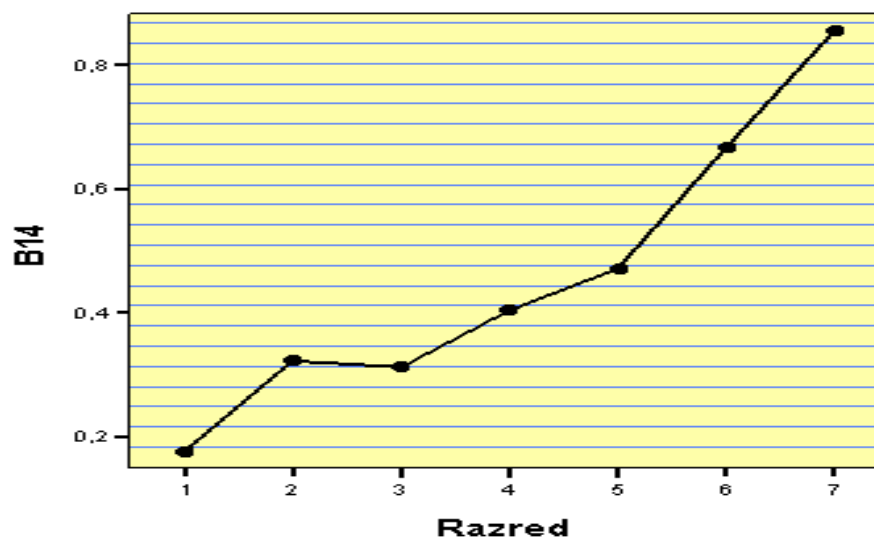
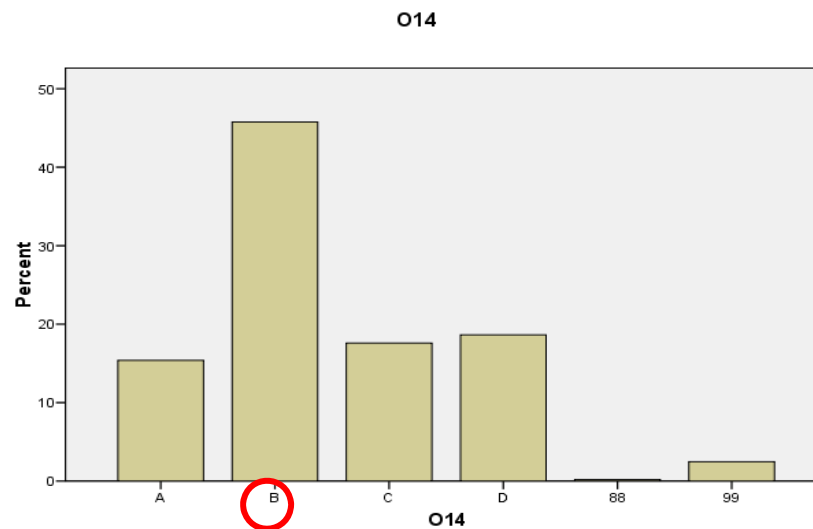
13. Koji je heksadekadski zapis dekadskoga broja 58?

M	0,46
M (O)	0,6
ID	0,41



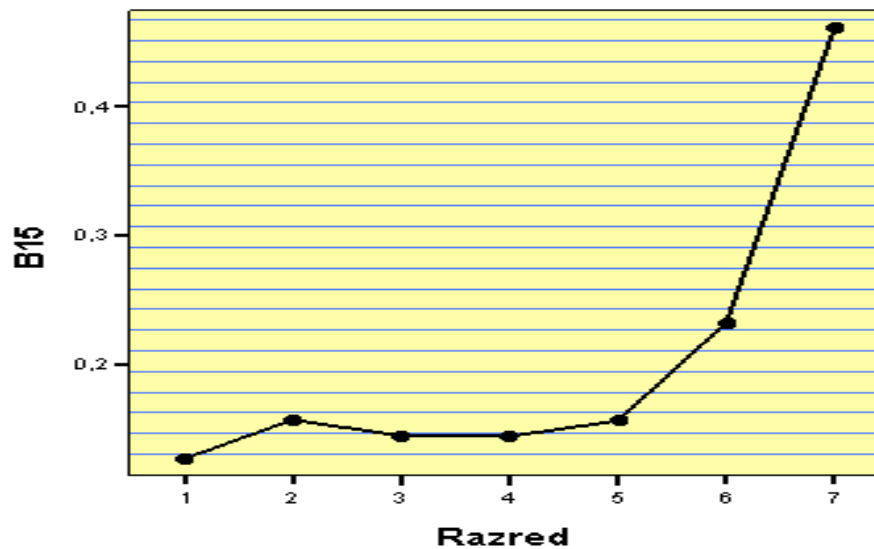
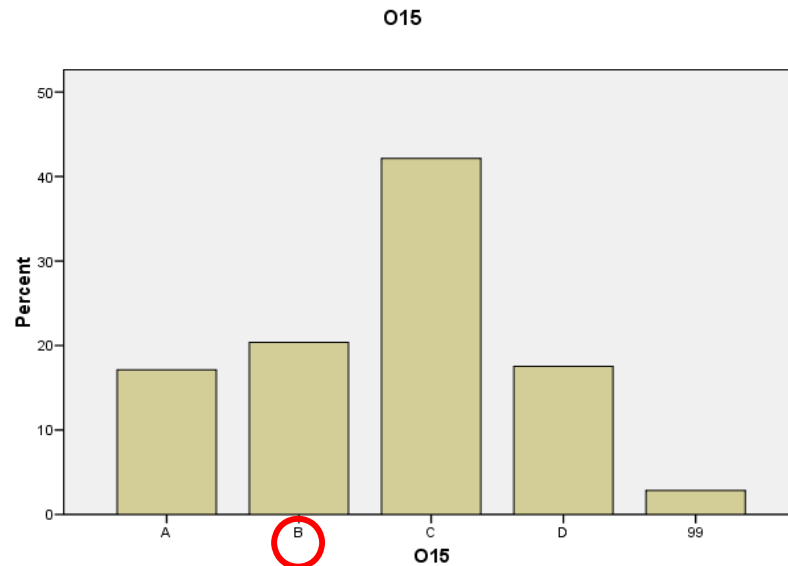
14. Koji je oktalni zapis binarnoga broja **1000100101**?

M	0,46
M (O)	0,7
ID	0,36



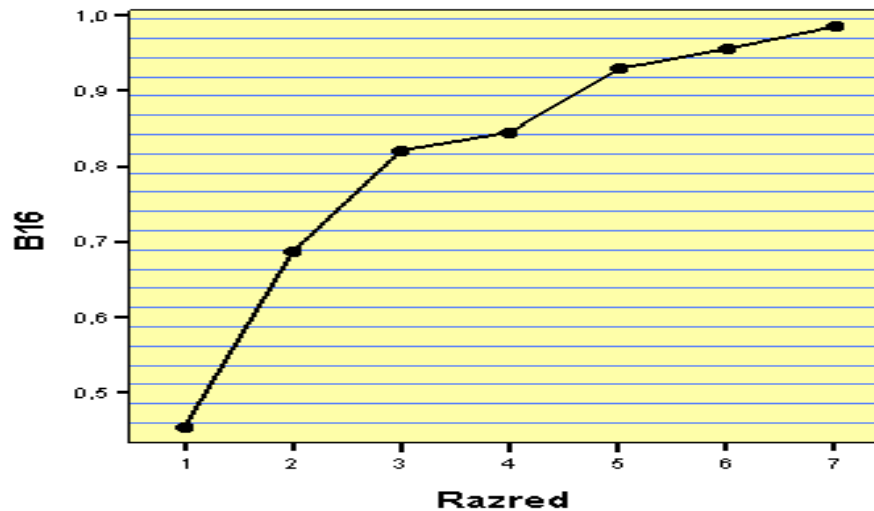
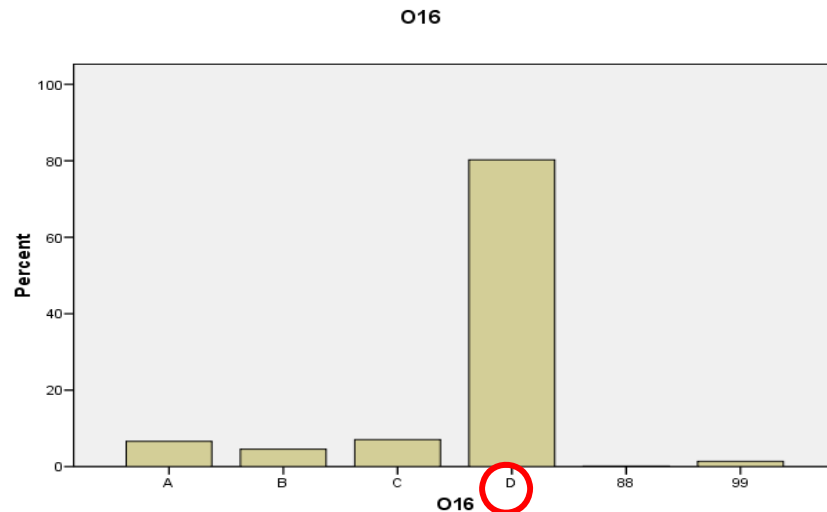
15. Ako se za prikaz cijelih brojeva metodom predznaka...

M	0,20
M (O)	0,2
ID	0,21



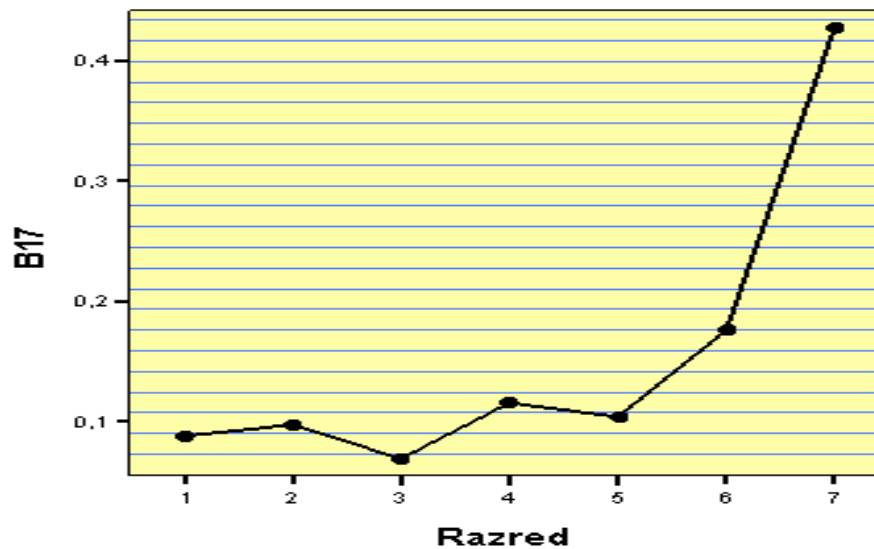
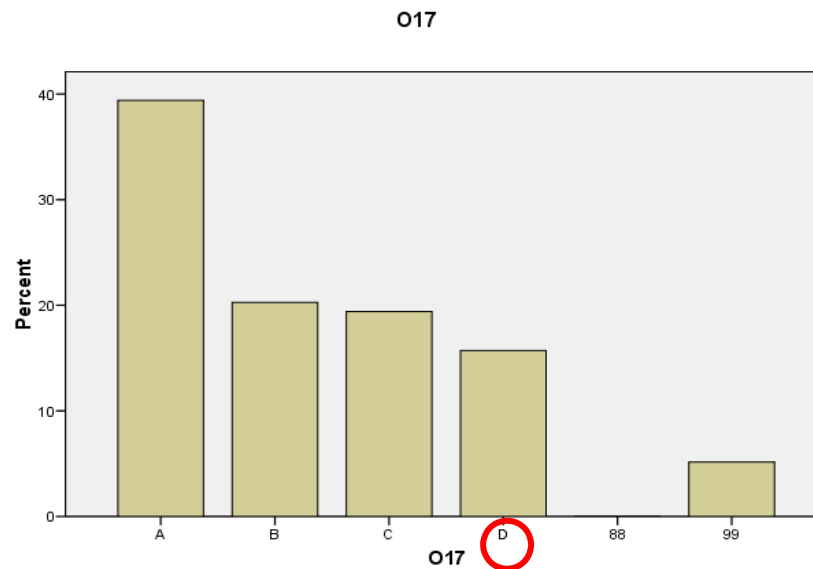
16. Niz heksadekadskih vrijednosti predstavlja tekst...

M	0,80
M (O)	0,8
ID	0,34



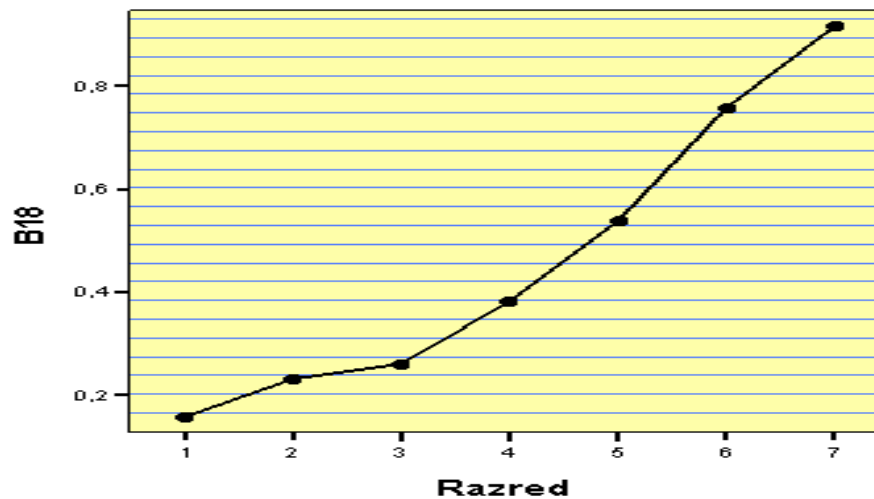
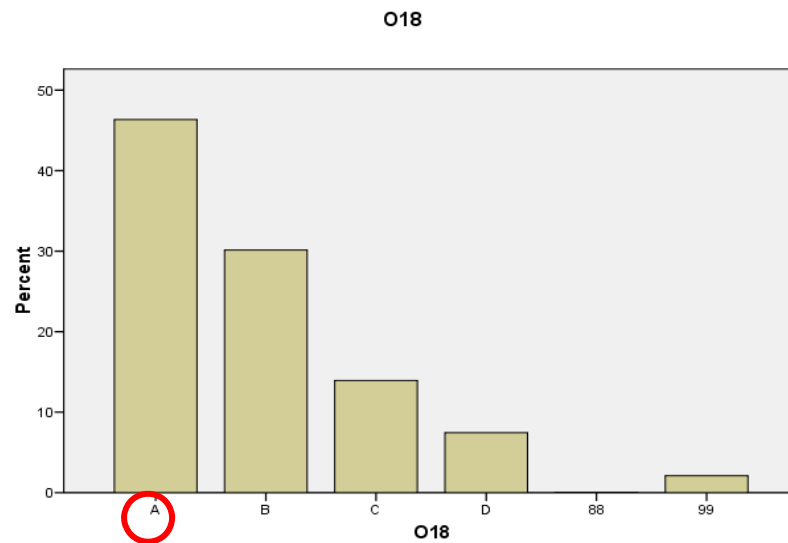
17. Koji će oblik nakon pojednostavljenja imati...

M	0,16
M (O)	0,3
ID	0,26



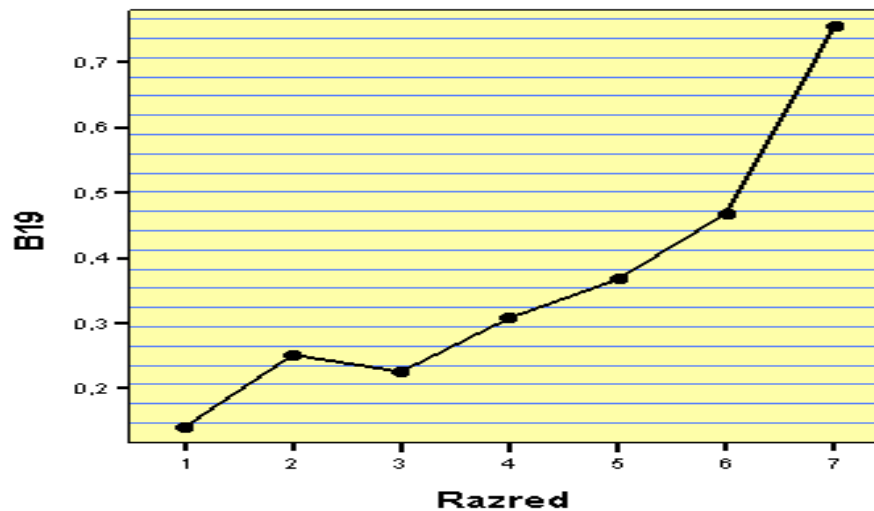
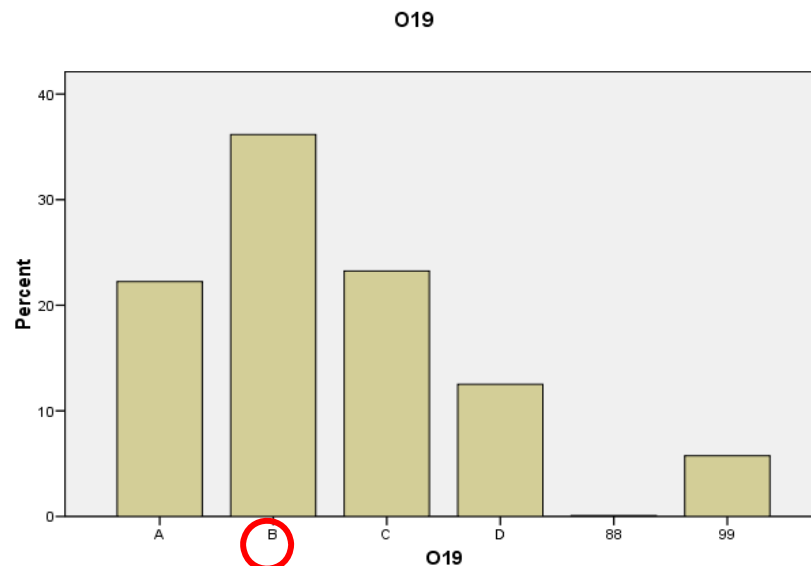
18. Koja je logička jednažba sklopa na prikazanoj slici?

M	0,46
M (O)	0,7
ID	0,45



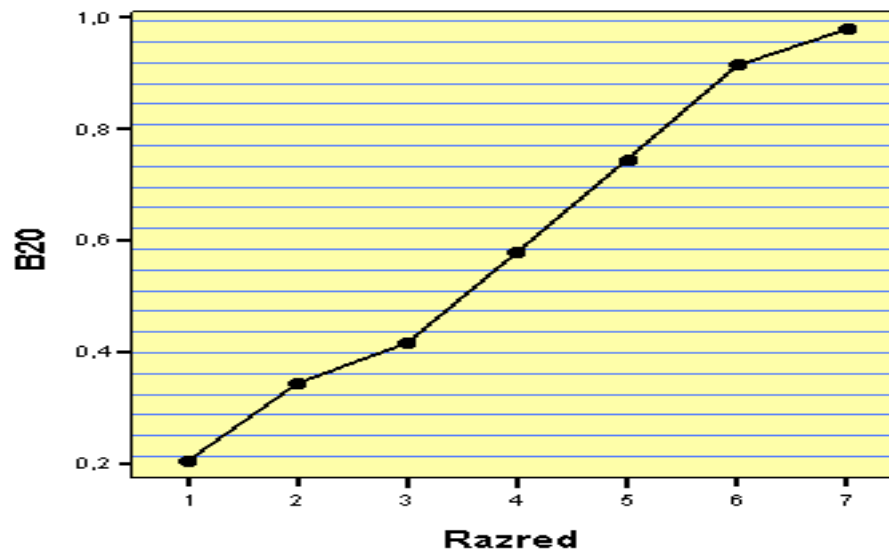
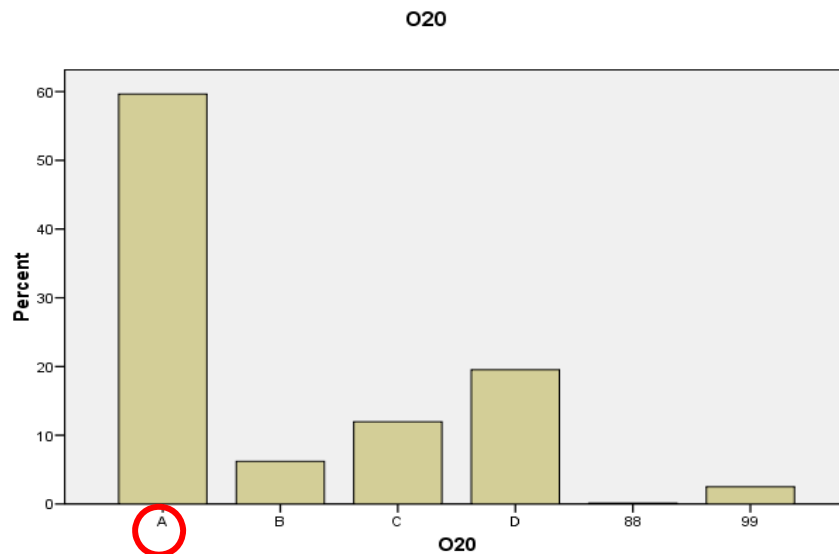
19. Koja je pojednostavljena logička jednadžba...

M	0,36
M (O)	0,5
ID	0,33



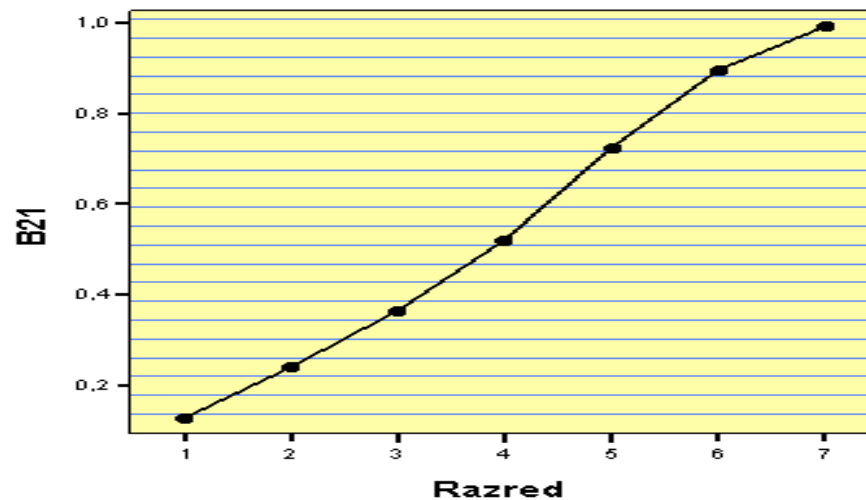
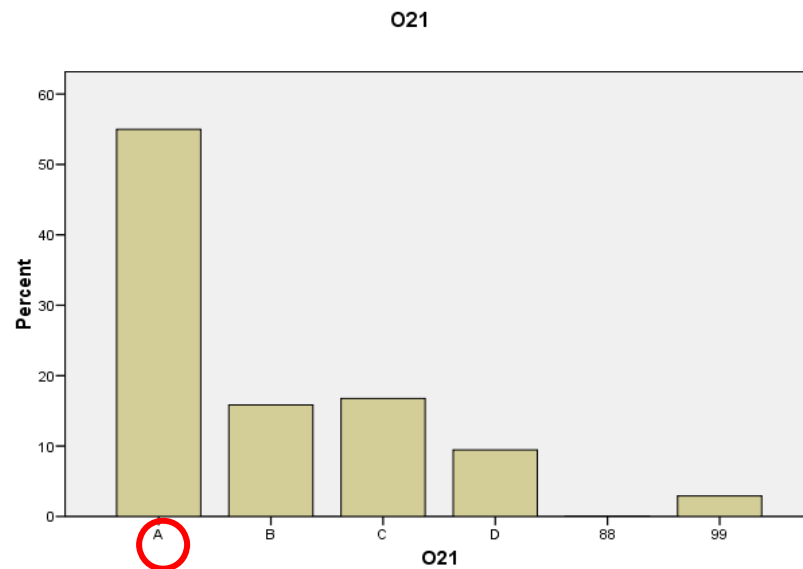
20. Kolika je vrijednost cjelobrojne varijable x nakon...

M	0,60
M (O)	0,9
ID	0,47



21. Koju će vrijednost imati varijabla x nakon izvođenja...

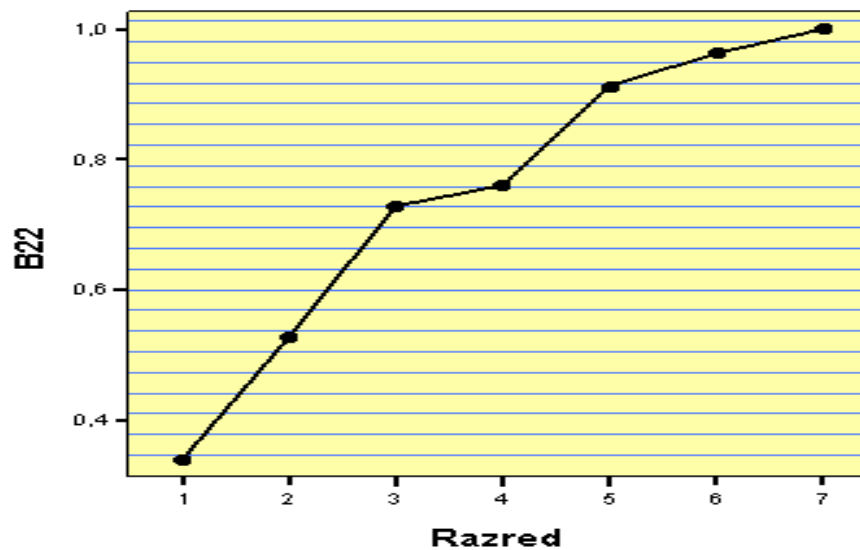
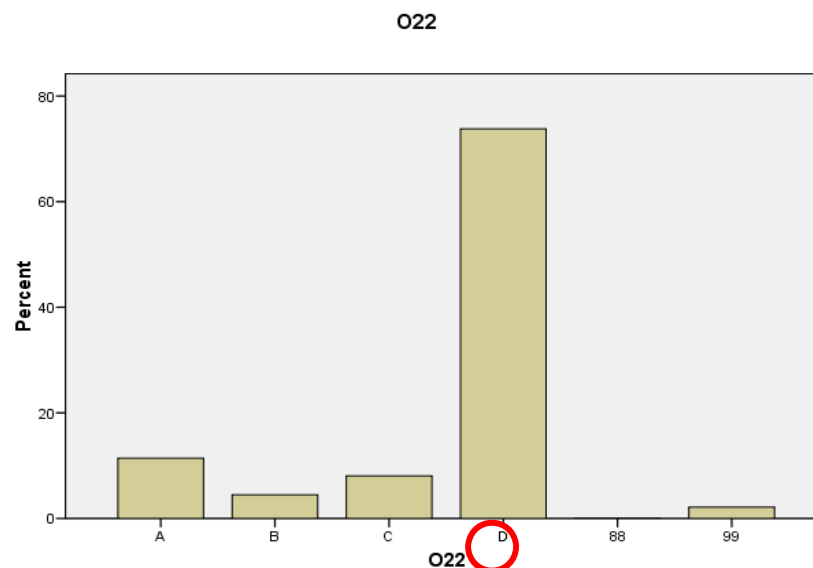
M	0,55
M (O)	0,4
ID	0,53





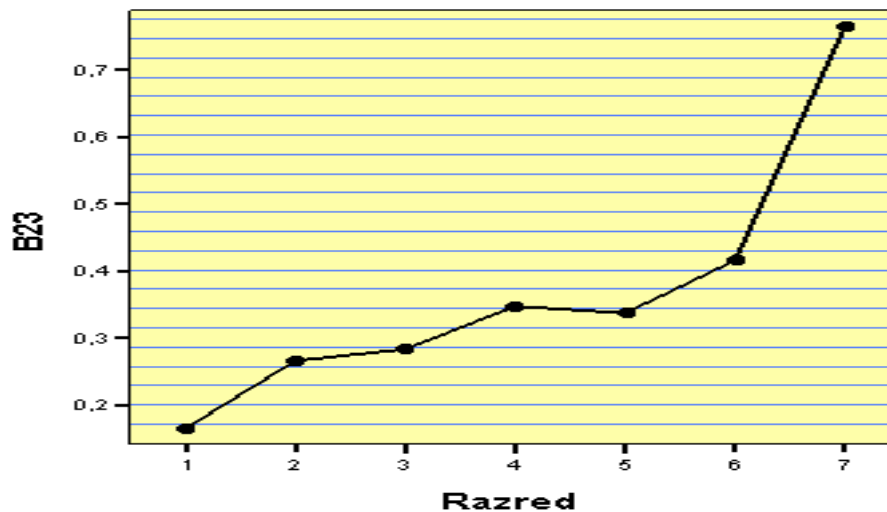
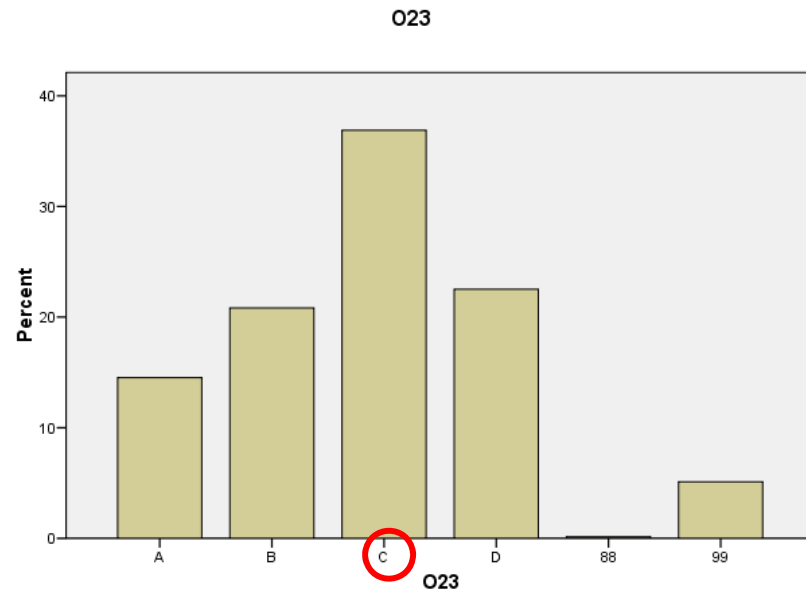
22. Što će ispisati sljedeći dio programa?

M	0,74
M (O)	0,8
ID	0,42



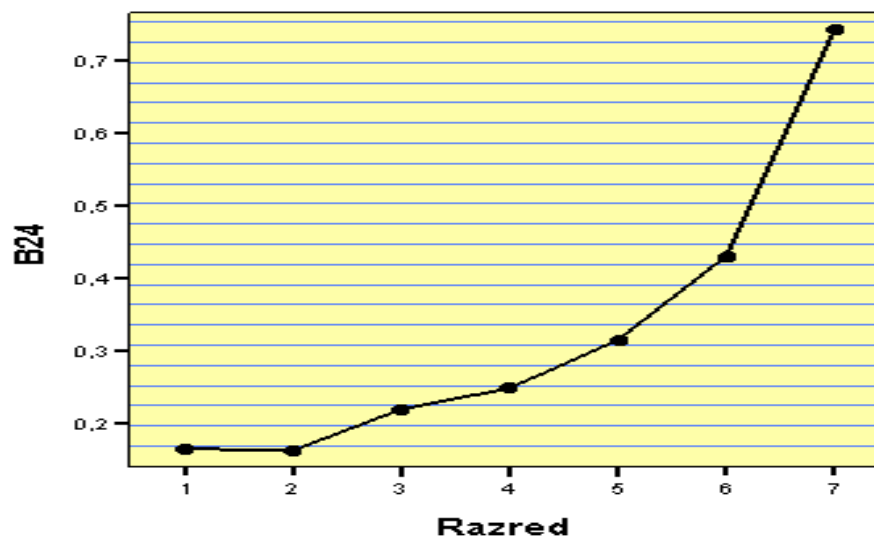
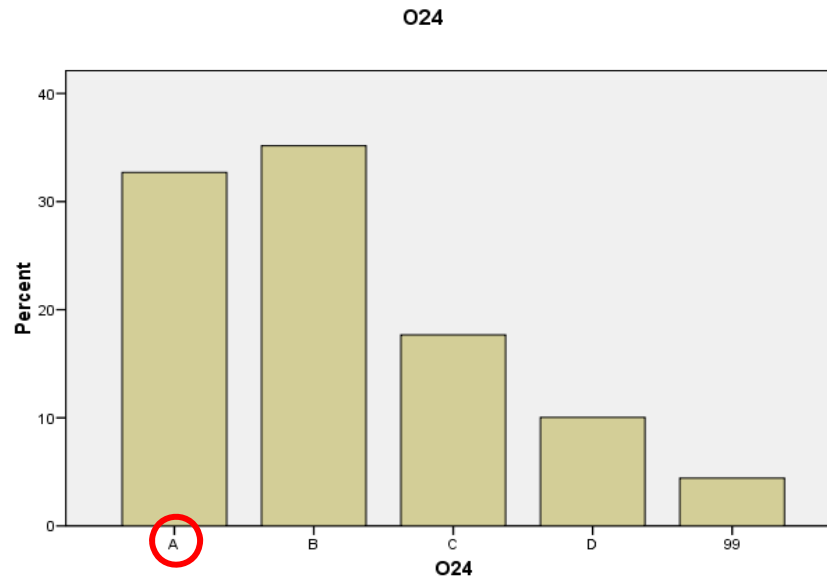
23. Koju će vrijednost imati varijabla t nakon izvođenja...

M	0,37
M (O)	0,3
ID	0,29



24. Što će ispisati sljedeći dio programa?

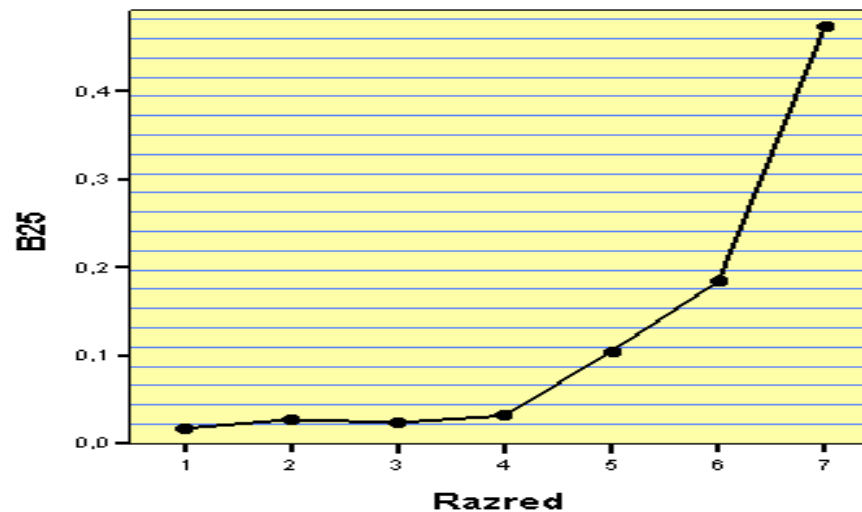
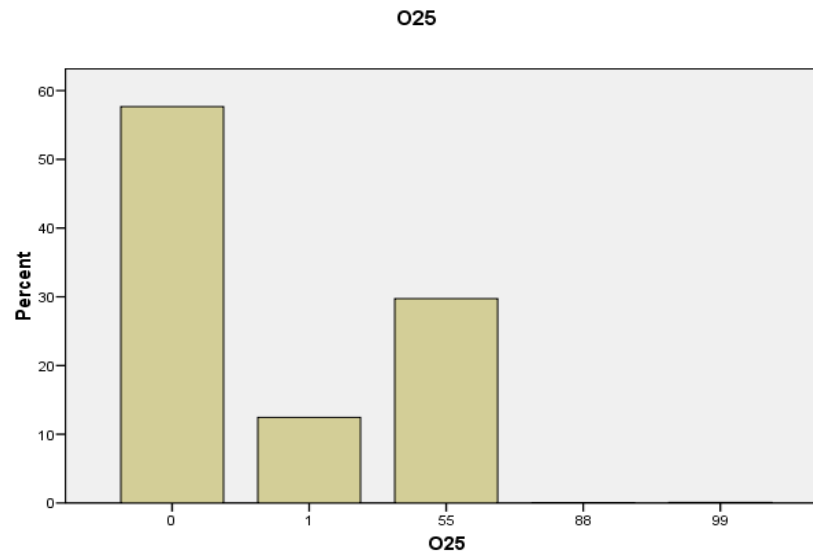
M	0,33
M (O)	0,4
ID	0,35



II. ZADATCI KRATKIH ODGOVORA

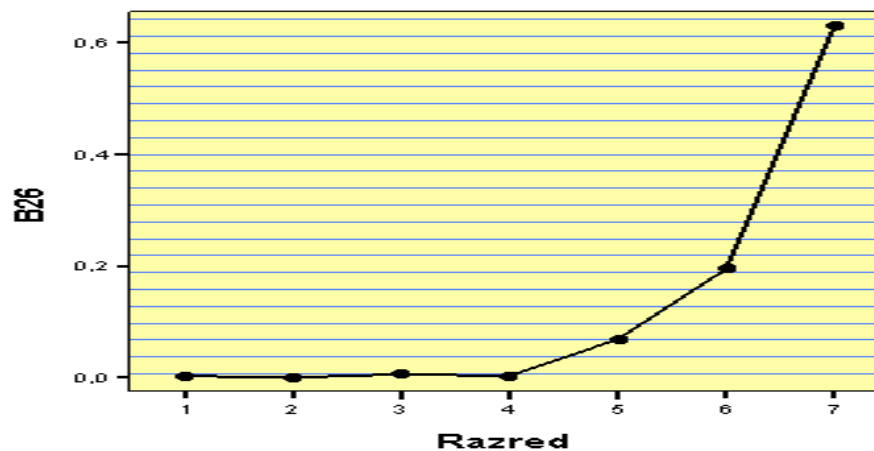
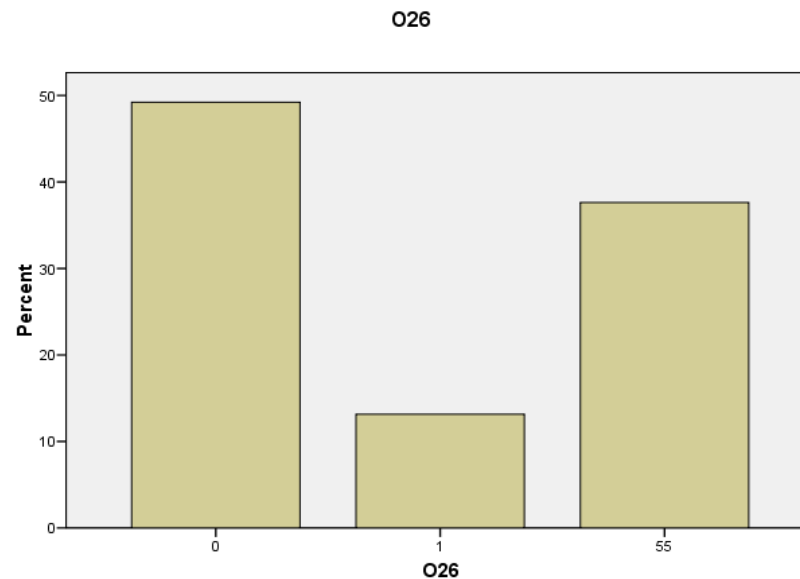
25. Koja će biti vrijednost varijable t nakon izvođenja...

M	0,12
M (O)	0,5
ID	0,42



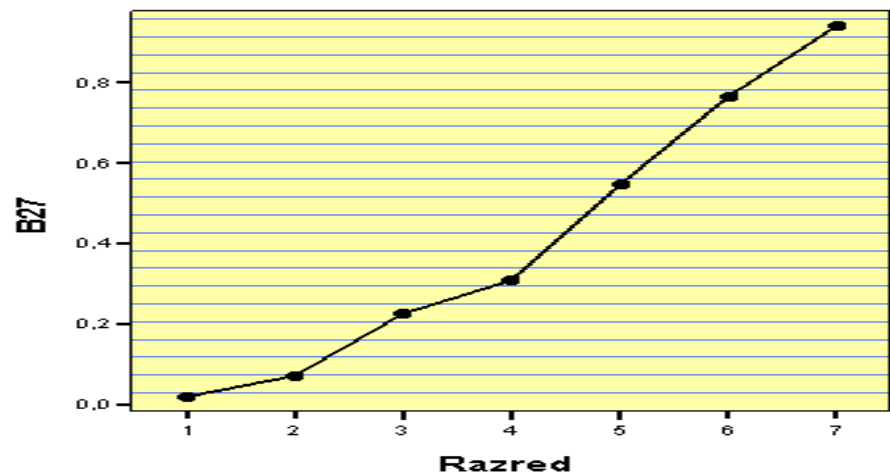
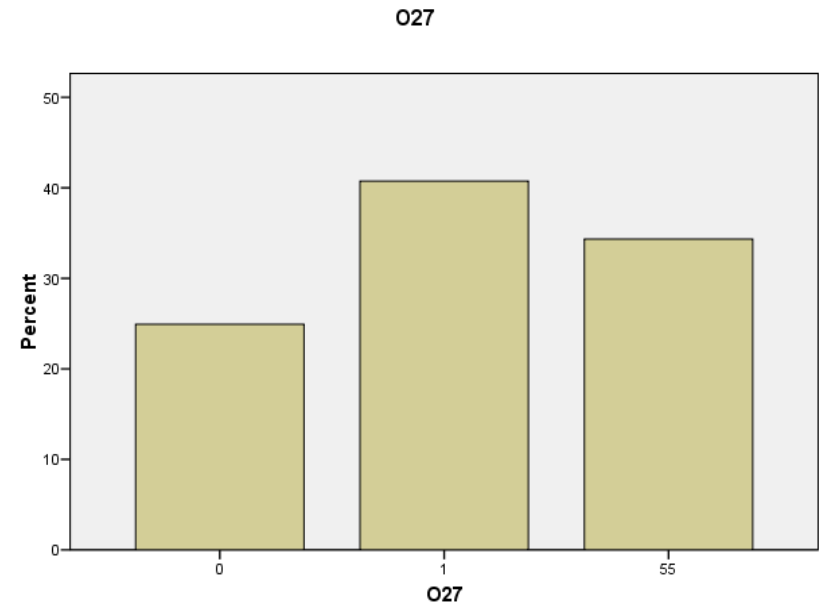
26. Koja će biti vrijednost varijable m nakon izvođenja sljedećega dijela programa?

M	0,13
M (O)	0,2
ID	0,58



27. Koja će biti vrijednost varijable n nakon izvođenja sljedećega dijela programa?

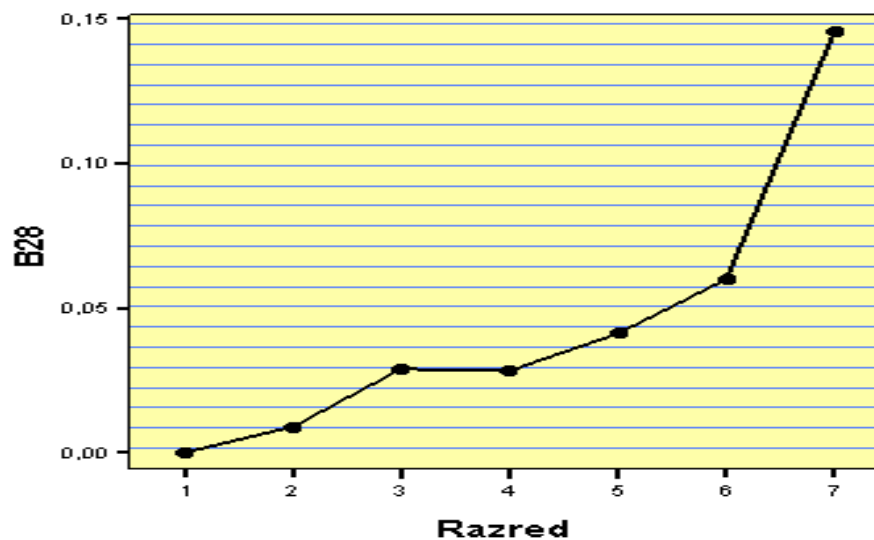
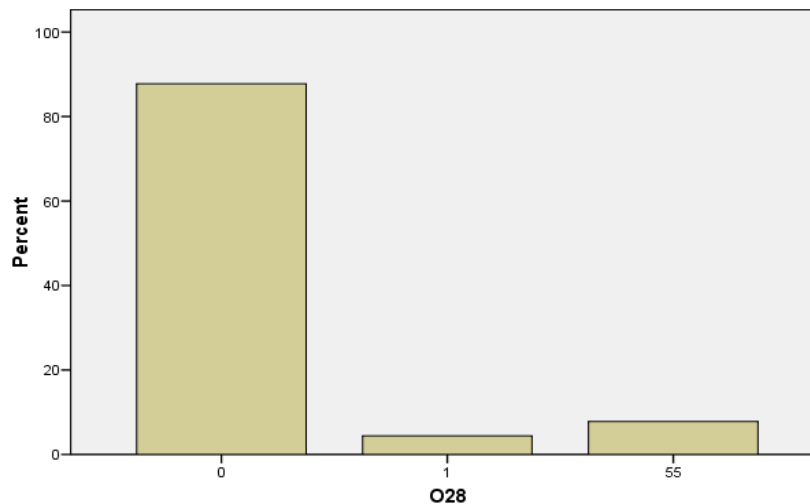
M	0,41
M (O)	0,6
ID	0,60



28. Marko i Ana žele praznike provesti na neke od...

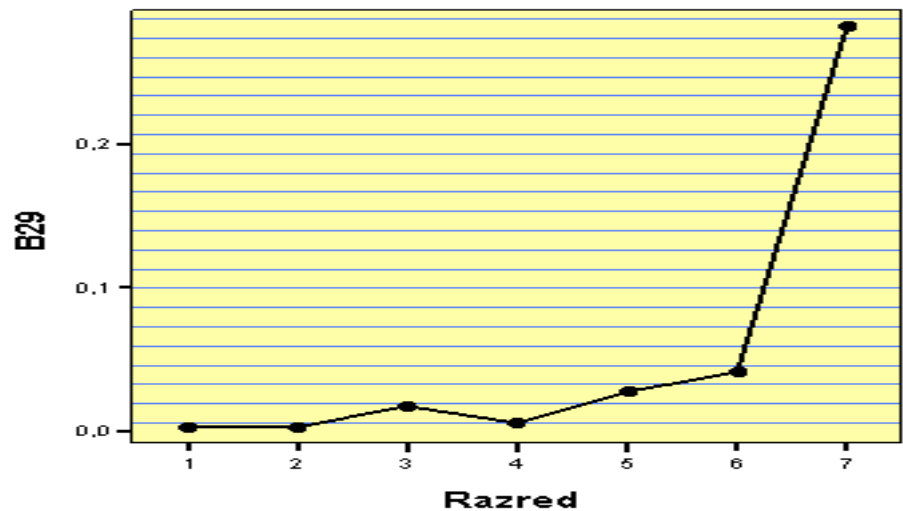
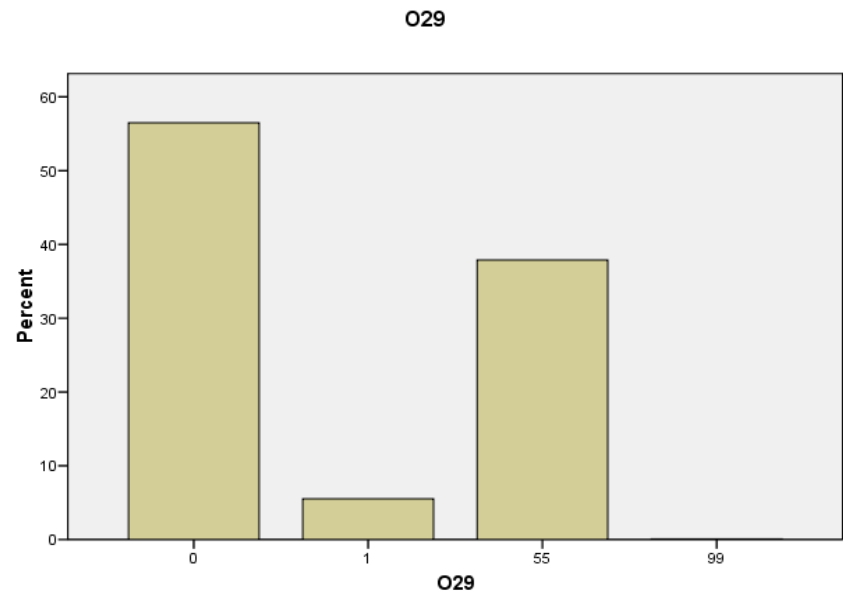
M	0,04
M (O)	0,5
ID	0,21

O28



29. Koliko će prostora (u kilobajtima) na tvrdome disku..

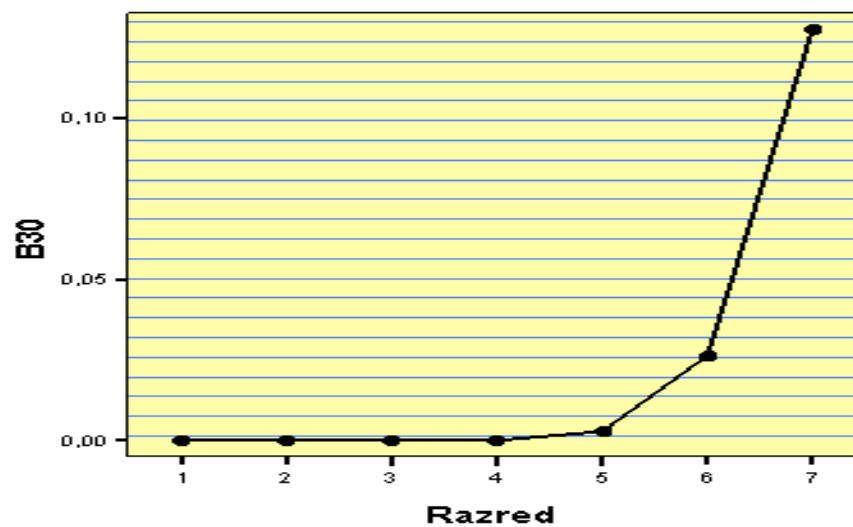
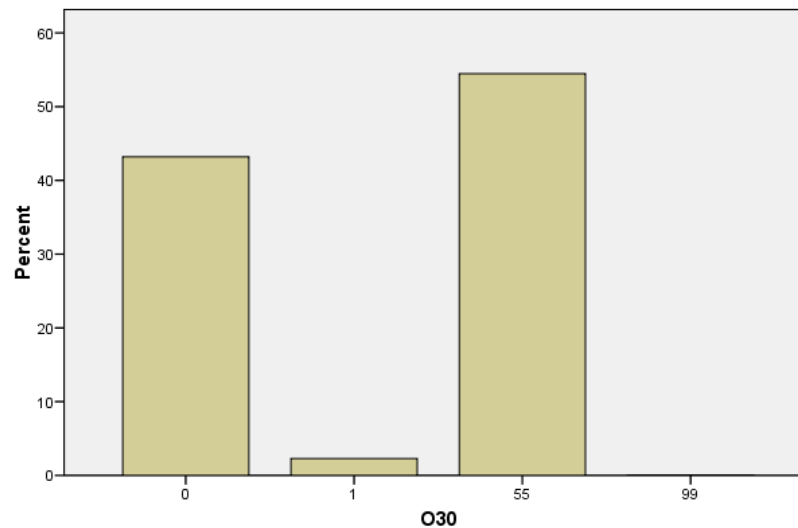
M	0,06
M (O)	0,4
ID	0,36



30. Logički izraz $\bar{A} \cdot B \cdot C + A \cdot \bar{B} \cdot C + A \cdot B \cdot \bar{C} + A \cdot B \cdot C$ napišite...

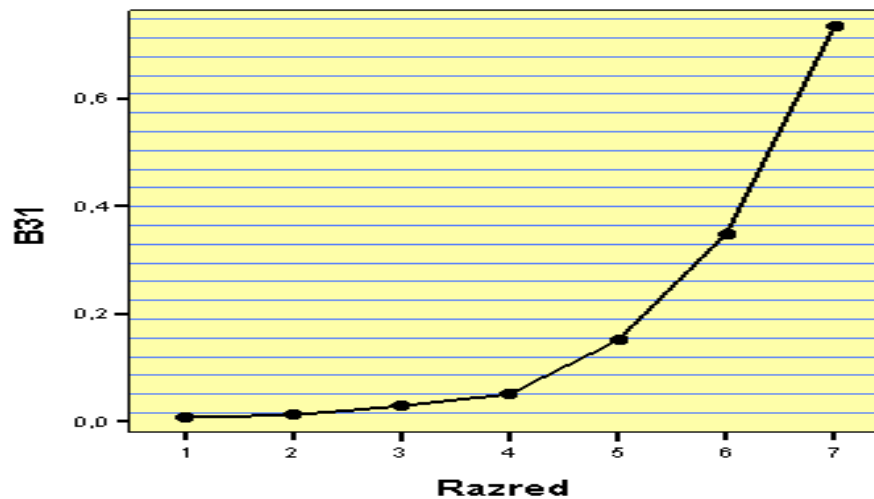
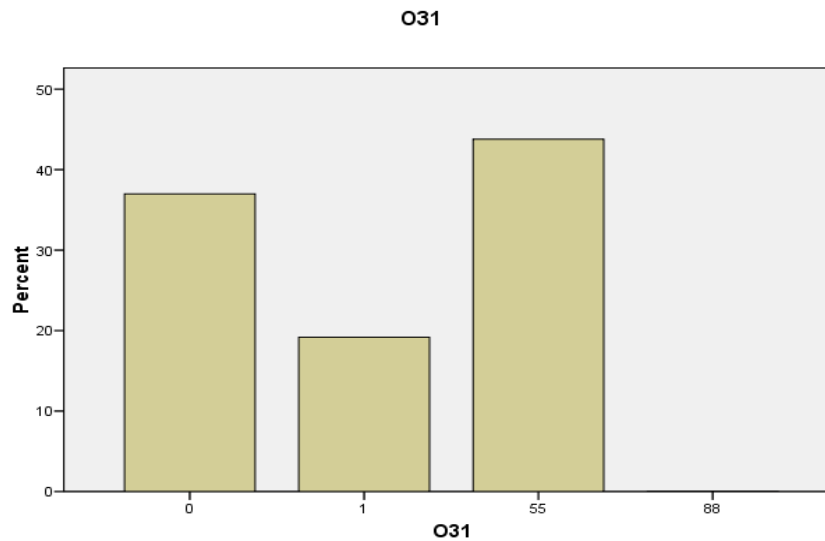
M	0,02
M (O)	0,4
ID	0,29

030



31. Koji je binarni zapis broja $(1234)_{16}$?

M	0,19
M (O)	0,8
ID	0,57



32. Popunite tablicu istinitosti za sklop prikazan na...

M	0,20
M (O)	0,6
ID	0,60

