

MENJALANKAN PROGRAM ITEMAN UNTUK ANALISIS BUTIR SOAL TES OBJEKTIF

**Oleh:
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1. Sebelum menjalankan program ITEMAN, file program pengendalinya harus sudah dibuat terlebih dahulu dengan format text. (Cara membuatnya dapat menggunakan program NOTEPAD, WS, MS WORD, dan sebagainya)
2. Jalankan Program WINDOWS EXPLORER
3. Double Klik pada file ITEMAN.EXE
4. Ketik nama file Program Pengendalinya (Contohnya: ppm.prg) lalu tekan ENTER
5. Ketik nama file outputnya (Contohnya: ppm.out) lalu tekan ENTER
6. Ketik Y jika ingin merekam file skor pesertanya lalu tekan ENTER kemudian ketik nama file skor pesertanya (Contohnya: ppm.scr)
7. Jika langkah di atas dilakukan maka di layar akan tampak seperti gambar di bawah ini.

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MicroCAT (tm) Testing System
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Beta-Test Version--Univ. of Pittsburgh
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Item and Test Analysis Program -- ITEMAN (tm) Version 3.00
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```
Enter the name of the input file: ppm.prg
Enter the name of the output file: ppm.out
Do you want the scores written to a file? (Y/N) y
Enter the name of the score file: ppm.scr
```

Setelah langkah tersebut dilakukan file hasil analisis (ppm.out dan ppm.scr) dapat Anda lihat dengan menggunakan program NOTEPAD, WordStar, MS WORD dan sebagainya.

**CONTOH PROGRAM DAN HASIL ANALISIS BUTIR SOAL
DENGAN MENGGUNAKAN PROGRAM ITEMAN (*ITEM AND TEST ANALYSIS*)**

**** Program Pengendalinya (Bahasa Program ITEMAN)**

```
10 O N 03
BCDCBABBAA
44444444444
YYYYYYYYYYY
01 CACCDABAAA
02 BCDCBADCAA
03 BABDDBABAD
04 BADCBABCAD
05 BAABBABABD
06 BAACBABCAA
07 BCABDABCAA
08 BABCBABBAA
09 BADCBACCAD
10 BCABDABCAA
11 BAEBDACCAD
12 BAACBABCAA
13 BAABDAACAA
14 BADCDABCAD
15 BADCDABCAD
16 BADCDACCAA
17 BCCDCBAAD
18 BADCDABCAD
19 BAAADCBAAD
20 BADCDACCAD
21 BACCDAABAD
22 BAEBDACCAD
23 BAACDACCAD
24 BADBBDACCD
25 BADDBABAAD
26 BABDDABCDA
27 BADDBABAAD
28 BCCACABDCD
29 BADDBABAAD
30 BADDBABAAD
31 BAADDAAAAD
32 BABBDAADAD
33 CAACDABBAA
34 BDABCABDBA
35 BABBBACDDA
36 BABBDABCAD
37 BCDDDAACAA
38 BADDDACBDD
39 BAEBDAA0AD
40 BAACBABADD
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**** Print Out Hasil Analisis ITEMAN**

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Item analysis for data from file ppm.prg

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics								
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key				
1	0-1	0.950	-0.151	-0.071	A	0.000	-9.000	-9.000					
					B	0.950	-0.151	-0.071	*				
					CHECK THE KEY				C	0.050	0.151	0.071	?
					B was specified, C works better				D	0.000	-9.000	-9.000	
					Other	0.000	-9.000	-9.000					
2	0-2	0.150	0.357	0.233	A	0.825	-0.246	-0.167					
					B	0.000	-9.000	-9.000					
					C	0.150	0.357	0.233	*				
					D	0.025	-0.336	-0.126					
					Other	0.000	-9.000	-9.000					
3	0-3	0.450	0.353	0.281	A	0.300	-0.100	-0.076					
					B	0.150	-0.349	-0.228					
					C	0.100	-0.135	-0.079					
					D	0.450	0.353	0.281	*				
					Other	0.000	-9.000	-9.000					
4	0-4	0.425	0.734	0.582	A	0.050	-0.558	-0.264					
					B	0.300	-0.573	-0.435					
					C	0.425	0.734	0.582	*				
					D	0.225	-0.102	-0.073					
					Other	0.000	-9.000	-9.000					
5	0-5	0.350	0.590	0.458	A	0.000	-9.000	-9.000					
					B	0.350	0.590	0.458	*				
					C	0.050	-0.381	-0.180					
					D	0.600	-0.464	-0.366					
					Other	0.000	-9.000	-9.000					
6	0-6	0.900	0.656	0.384	A	0.900	0.656	0.384	*				
					B	0.025	-0.649	-0.243					
					C	0.050	-0.381	-0.180					
					D	0.025	-0.649	-0.243					
					Other	0.000	-9.000	-9.000					
7	0-7	0.575	0.479	0.380	A	0.200	-0.627	-0.439					
					B	0.575	0.479	0.380	*				
					C	0.200	-0.235	-0.165					
					D	0.025	0.915	0.343					
					Other	0.000	-9.000	-9.000					

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Item analysis for data from file ppm.prg

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key
8	0-8	0.125	0.056	0.035	A	0.250	-0.101	-0.074	
					B	0.125	0.056	0.035	*
					C	0.500	0.344	0.274	?
					D	0.100	-0.552	-0.323	
					Other	0.025	-0.336	-0.126	
CHECK THE KEY									
9	0-9	0.800	0.562	0.393	A	0.800	0.562	0.393	*
					B	0.050	-0.381	-0.180	
					C	0.050	-0.558	-0.264	
					D	0.100	-0.344	-0.201	
					Other	0.000	-9.000	-9.000	
10	0-10	0.350	0.491	0.381	A	0.350	0.491	0.381	*
					B	0.000	-9.000	-9.000	
					C	0.000	-9.000	-9.000	
					D	0.650	-0.491	-0.381	
					Other	0.000	-9.000	-9.000	

There were 40 examinees in the data file.

Scale Statistics

Scale:	0

N of Items	10
N of Examinees	40
Mean	5.075
Variance	1.869
Std. Dev.	1.367
Skew	0.217
Kurtosis	-0.812
Minimum	3.000
Maximum	8.000
Median	5.000
Alpha	0.085
SEM	1.308
Mean P	0.507
Mean Item-Tot.	0.306
Mean Biserial	0.413

