

Bilkent University  
Computer Engineering



# CS 342

## Operating Systems

### **Project 4**

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section 1

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## Results of the experiment

*Table 1. Results of Disk Scheduling algorithms after 100 times experiment*

	Mean	Standard Deviation
<b>FCFS</b>	1651187.23	31573.62
<b>SSTF</b>	11864.94	1731.13
<b>SCAN</b>	7609.59	1454.98
<b>C-SCAN</b>	9993.17	4.53
<b>LOOK</b>	7604.81	1455.14
<b>C-LOOK</b>	9970.85	15.55

According to the Table 1 the most stable algorithm is C-SCAN (with the lowest Standard Deviation), but in average SCAN and LOOK algorithms performed the best results (least number of movements). C-LOOK is the second stable algorithm after C-SCAN.