*LAB # 05*

cpu scheduling algorithms-1

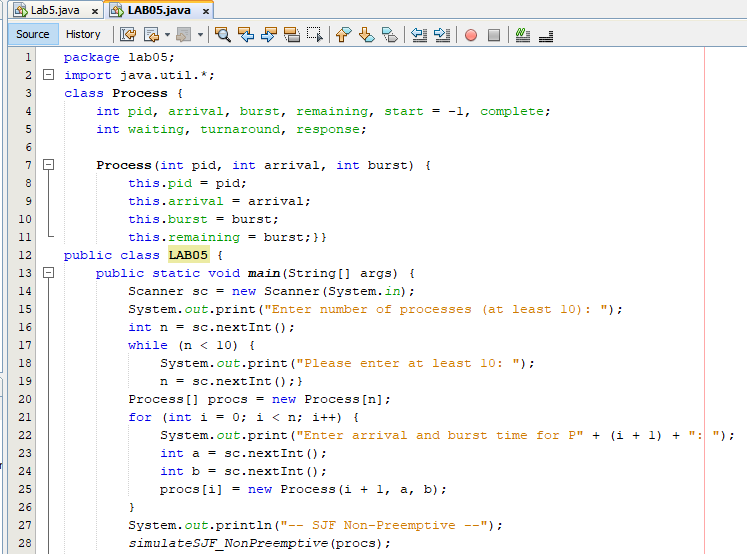
# *OBJECTIVE:*

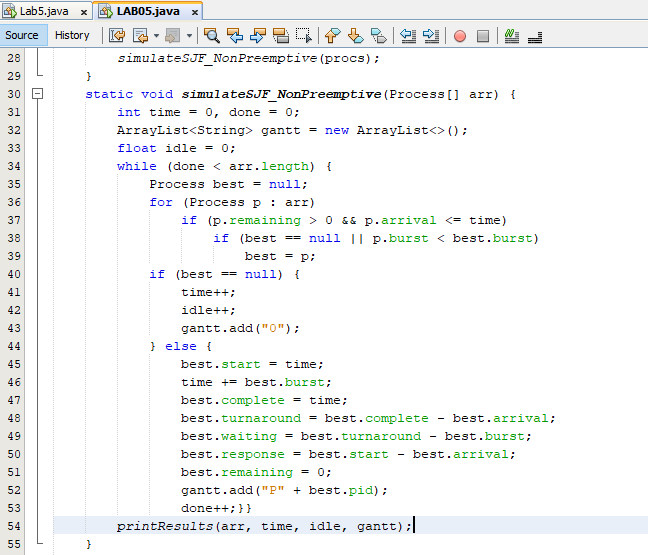
*To simulate CPU Scheduling Algorithms. (First Come First Serve, Shortest Job First).*

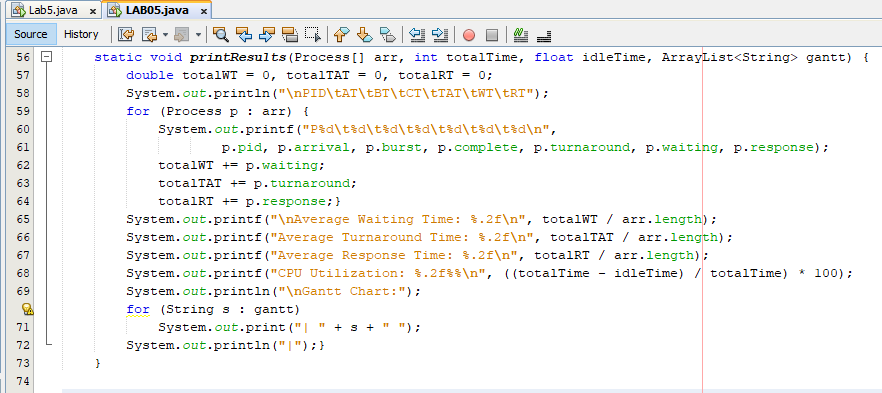
*LAB task*

1. *Write a program which takes as an argument at least 10 CPU Brust time. Calculate CPU utilization, average waiting time, turnaround time and response time using SJF(Non-Preemptive) and SJF(Preemptive). Display a text-based Gantt chat on the screen.*

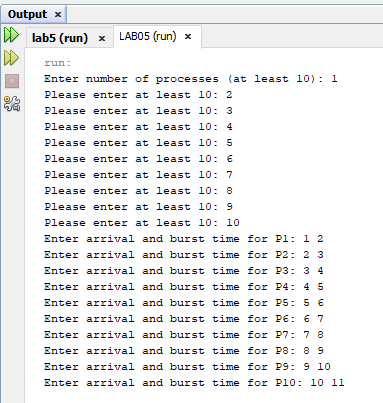
***CODE:***

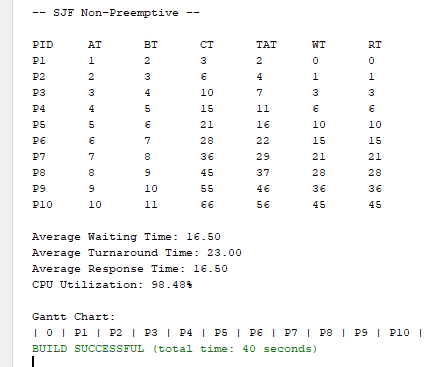
**

**

**

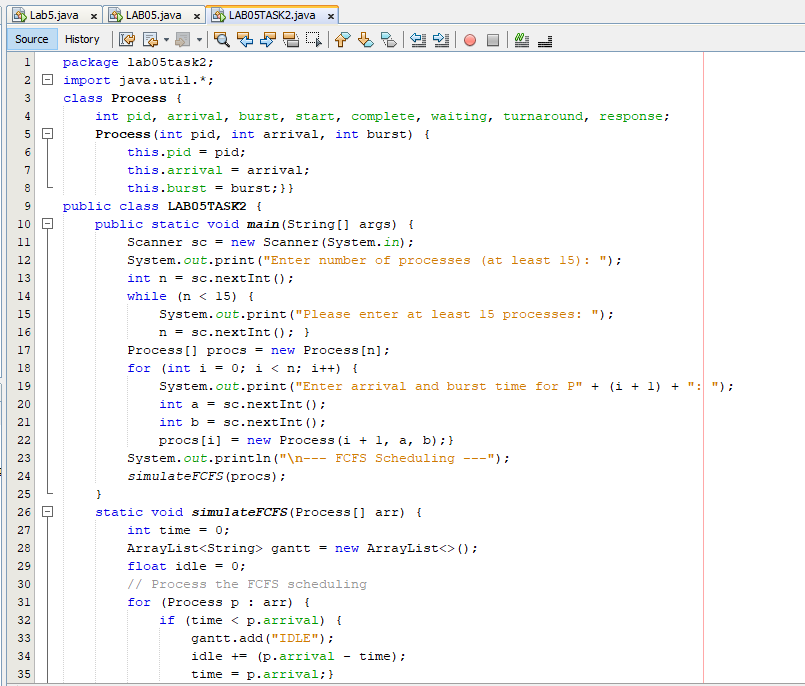
***OUTPUT:***

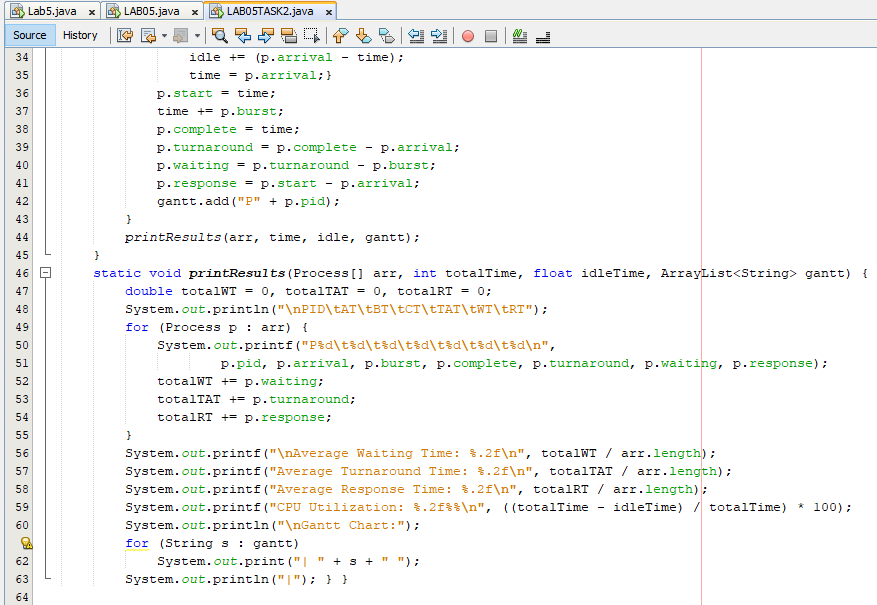
**

**

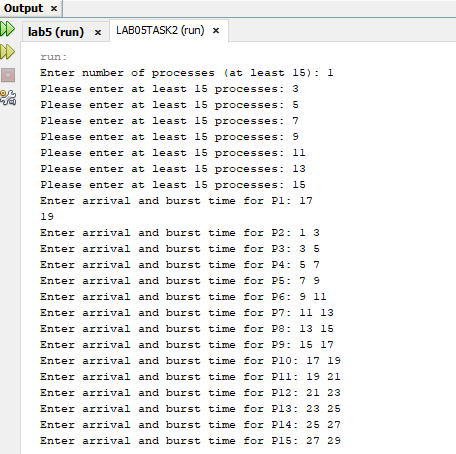
1. *Write a program which takes as an argument at least 15 CPU Brust time. Calculate CPU utilization, average waiting time, turnaround time and response time using FCFS. Display a text-based Gantt chat on the screen*

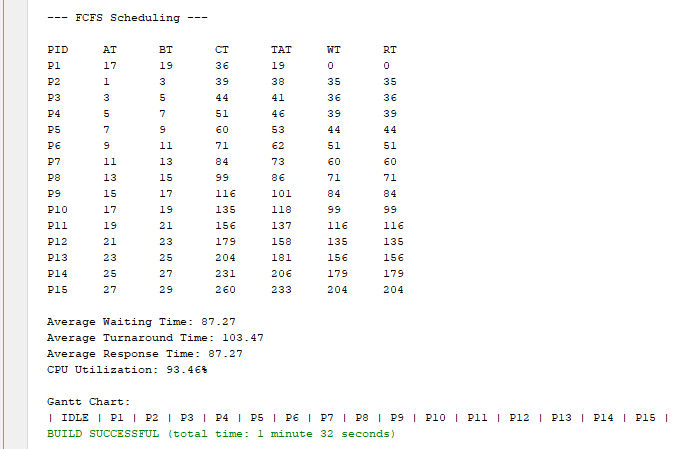
***CODE:***

**

**

***OUTPUT:***

**

**