Output:

Program 8 a:

Enter the number of processes:3

Enter burst time:24

Enter burst time:3

Enter burst time:3

0 24 24 0

1 3 27 24

2 3 30 27

Program 8a \_varat :

Enter the number of processes:3

Enter burst time:24

Enter arrival time:0

Enter burst time:3

Enter arrival time:2

Enter burst time:3

Enter arrival time:5

PNO AT BT TT WT

0 0 24 24 0

1 2 3 25 22

2 5 3 25 22

Program 8b:

Enter the number of processes:3

Enter burst time:3

Enter arrival time:0

Enter burst time:5

Enter arrival time:1

Enter burst time:4

Enter arrival time:2

PNO AT BT TT WT

0 0 3 3 0

1 2 4 5 1

2 1 5 11 6

Program 8c:

Enter number of processes:5

Enter arrival time:0

Enter burst time8

Enter arrival time:1

Enter burst time4

Enter arrival time:2

Enter burst time9

Enter arrival time:3

Enter burst time5

Enter arrival time:4

Enter burst time1

GANTT CHART 011114333330000000222222222

pno TT WT

0 18 18 10

1 5 4 0

2 27 25 16

3 11 8 3

4 6 2 1

Program 8d:

Enter the number of processes:5

Enter burst time:10

Enter priority3

Enter burst time:1

Enter priority1

Enter burst time:2

Enter priority4

Enter burst time:1

Enter priority5

Enter burst time:5

Enter priority2

0 1 1 0

1 5 6 1

2 10 16 6

3 2 18 16

4 1 19 18

Program 8e:

Enter number of processes:4

Enter arrival time:0

Enter burst time8

Enter priority:3

Enter arrival time:1

Enter burst time4

Enter priority:1

Enter arrival time:2

Enter burst time9

Enter priority:4

Enter arrival time:3

Enter burst time5

Enter priority:2

01111333330000000222222222

pno TT WT

0 17 17 9

1 5 4 0

2 26 24 15

3 10 7 2

**Program 8F:**

Enter the number of processes3

Enter time slice:4

Enter Arrival Time:0

Enter burst :24

Enter Arrival Time:0

Enter burst :3

Enter Arrival Time:0

Enter burst :3

1 20 4

2 0 7

3 0 10

1 16 14

1 12 18

1 8 22

1 4 26

1 0 30