Program-

```
I am the parent process.
I am the child process.
My PID is 13154.
My parent's PID is 13153.
My PID is 13153.
My child's PID is 13154.
```

Program-2:

```
Enter the filename to open for reading
mail
Cannot open file mail
```

Program-3:

```
Enter the number of processes: 3
Enter burst time for process 1: 4
Enter burst time for process 2: 3
Enter burst time for process 3: 2
Process Burst Time  Completion Time Turnaround Time
1       4       4           0
2       3       7           7
3       2       9           9
```

Program-

```
Enter number of process: 3
Enter Burst Time:
P1: 2
P2: 5
P3: 6
P    BT  WT  TAT
P1   2   0   2
P2   5   2   7
P3   6   7   13
Average Waiting Time= 3.000000
Average Turnaround Time= 7.333333
```

Program-5:

```
/tmp/Y1eL32HWVQ.o
Enter number of process: 3
Enter Burst Time:
P1: 2
P2: 5
P3: 3
P    BT  WT  TAT
P1   2   0   2
P3   3   2   5
P2   5   5   10
Average Waiting Time= 2.333333
Average Turnaround Time= 5.666667
```

Program-

```
Enter the number of the process
3
Enter the arrival time , burst time and priority of the process
AT BT PT
1 2 3
2 3 4
5 6 7
ID WT TAT
1 0 2
2 1 4
3 1 7
Avg waiting time of the process  is 0.666667
Avg turn around time of the process is 4.333333
```

Program-7:

```
enter the no of processes : 2
the arrival time for process P1 : 0
the burst time for process P1 : 3
the arrival time for process P2 : 1
the burst time for process P2 : 5
P[1]    |   3   |   0
P[2]    |   7   |   2


 average waiting time = 1.000000

 average turnaround time = 5.000000
```

Program-

```
Enter Total Process:     2
Enter Arrival Time and Burst Time for Process Process Number 1 :0 4
Enter Arrival Time and Burst Time for Process Process Number 2 :2 4
Enter Time Quantum: 2
Process |Turnaround Time|Waiting Time

P[1]    |   6   |   2
P[2]    |   6   |   2

Average Waiting Time= 2.000000
Avg Turnaround Time = 6.000000
```