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C:\Users\HP\Desktop\OS-Project>g++ final.cpp
C:\Users\HP\Desktop\OS-Project>a.exe
Enter Memory Size: 2000
Enter the number of processes: 9
Enter process details as stated:
Process ID: 1
Process Arrival Time: 0
Process Lifetime: 200
No of segments of Process: 2
Enter size of segments separated by space: 200 200
Process ID: 2
Process Arrival Time: 0
Process Lifetime: 2000
No of segments of Process: 1
Enter size of segments separated by space: 200
Process ID: 3
Process Arrival Time: 0
Process Lifetime: 200
No of segments of Process: 2
Enter size of segments separated by space: 200 100
Process ID: 4
Process Arrival Time: 0
Process Lifetime: 2000
No of segments of Process: 1
Enter size of segments separated by space: 100
Process ID: 5
Process Arrival Time: 0
Process Lifetime: 200
No of segments of Process: 3
Enter size of segments separated by space: 200 200 100
Process ID: 6
Process Arrival Time: 0
Process Lifetime: 2000
No of segments of Process: 1
Enter size of segments separated by space: 400
Process ID: 7
Process Arrival Time: 500
Process Lifetime: 1500
No of segments of Process: 2
Enter size of segments separated by space: 300 500
Process ID: 8
Process Arrival Time: 600
```

Process Lifetime: 1500

No of segments of Process: 3

Enter size of segments separated by space: 200 200 200

Process ID: 9

Process Arrival Time: 700

Process Lifetime: 1500

No of segments of Process: 2

Enter size of segments separated by space: 200 200

Press 1 for first fit or 2 for best fit or 3 for worst fit or any other number key for exiting: