```
PS D:\Ayush\College\Sem V\LAB\SPOSL\SPOS_Ayush_Codes\Memory_Placement> g++
Memory_Allocn.cpp -o memory
PS D:\Ayush\College\Sem V\LAB\SPOSL\SPOS_Ayush_Codes\Memory_Placement>
.\memory.exe
Enter the no. of blocks of memory:
5
Enter the Memory block sizes:
100
500
200
300
600

The Memory blocks are:
Memory Block 1 is : 100
Memory Block 2 is : 500
Memory Block 3 is : 200
Memory Block 4 is : 300
Memory Block 5 is : 600
Enter the no. of processes:
4
Enter the process sizes:
212
417
112
426

The processes with size are:
Process 1 : Size is : 212
Process 2 : Size is : 417
Process 3 : Size is : 112
Process 4 : Size is : 426


                MEMORY ALLOCATION ALGORITHMS

1.First_Fit
2.Best_Fit
3.Worst_Fit
4.Next_Fit
Enter your choice for using Memory Allocation :
1

Process         Process Size            Memory Block            Status

Process 1               212                     2               Allocated
```

```
Process 2               417                     5               Allocated
Process 3               112                     3               Allocated
Process 4               426             ----            Not Allocated

Do you want to continue?
1.Yes
2.No
1

                MEMORY ALLOCATION ALGORITHMS

1.First_Fit
2.Best_Fit
3.Worst_Fit
4.Next_Fit
Enter your choice for using Memory Allocation :
2

Process         Process Size            Memory Block            Status

Process 1               212             4               Allocated
Process 2               417             2               Allocated
Process 3               112             3               Allocated
Process 4               426             5               Allocated

Do you want to continue?
1.Yes
2.No
1

                MEMORY ALLOCATION ALGORITHMS

1.First_Fit
2.Best_Fit
3.Worst_Fit
4.Next_Fit
Enter your choice for using Memory Allocation :
3

Process         Process Size            Memory Block            Status

Process 1               212             5       Allocated
Process 2               417             2       Allocated
Process 3               112             4       Allocated
Process 4               426     ----            Not Allocated
```

```
Do you want to continue?
1.Yes
2.No
1

                MEMORY ALLOCATION ALGORITHMS

1.First_Fit
2.Best_Fit
3.Worst_Fit
4.Next_Fit
Enter your choice for using Memory Allocation :
4

Process         Process Size            Memory Block            Status

Process 1               212                     2               Allocated
Process 2               417                     5               Allocated
Process 3               112                     3               Allocated
Process 4               426             ----            Not Allocated

Do you want to continue?
1.Yes
2.No
1

                MEMORY ALLOCATION ALGORITHMS

1.First_Fit
2.Best_Fit
3.Worst_Fit
4.Next_Fit
Enter your choice for using Memory Allocation :
5

You have Entered a Wrong choice!
Please Try Again!

Do you want to continue?
1.Yes
2.No
2
```