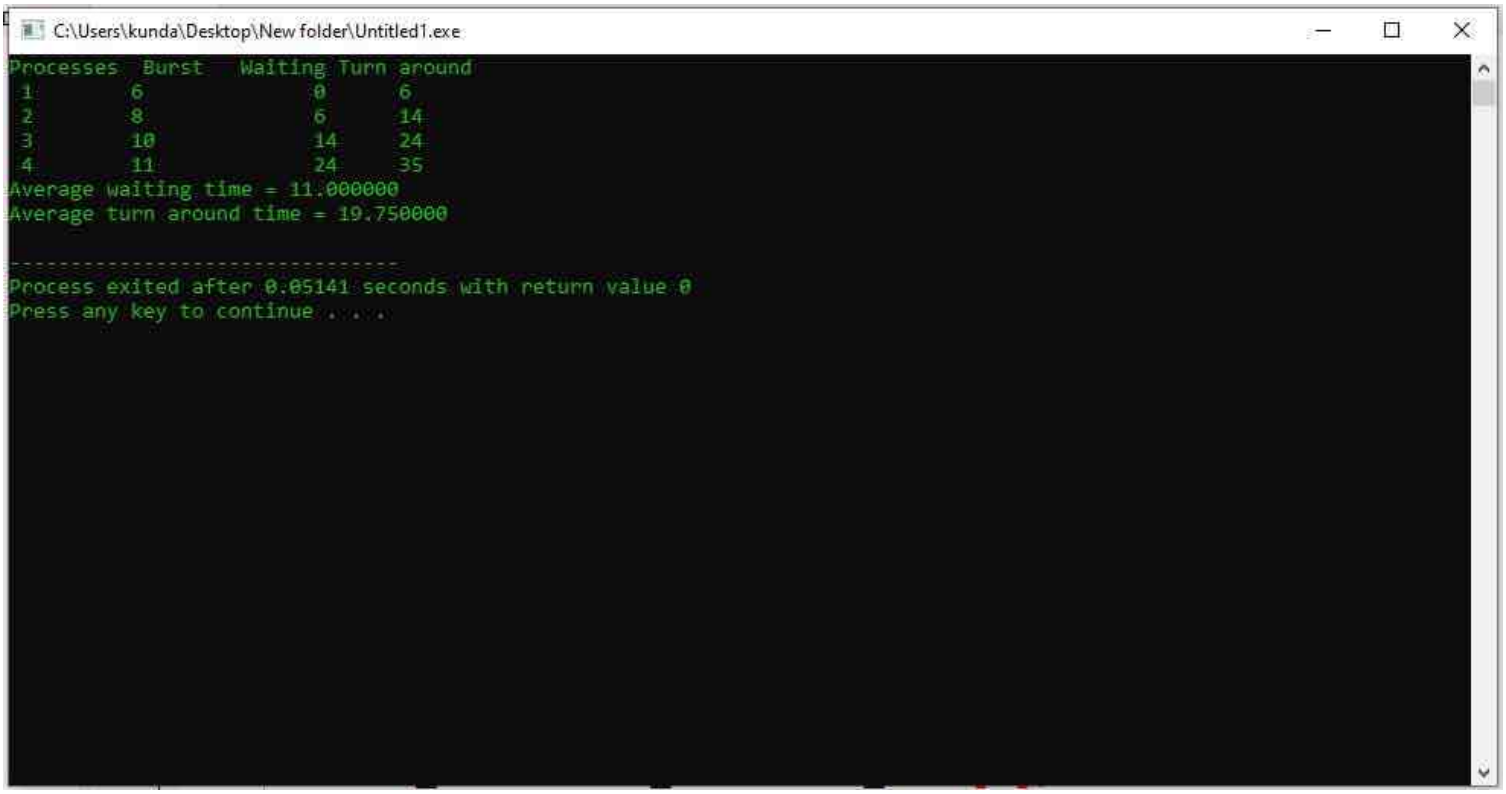
Name = Lovepreet Singh mehta
Student ID = 2005123

```
#include <stdio.h>
int main()
{
  int n;
  printf("Enter the number of process:");
  Scanf ("%d", &n);
  int bt [n], at[n], tat[n], wt[n], temp;
  Printf ("\nEnter the Brust Time and Arrival Time");
  For (int i=0; i<n; i++)
  {
    Printf ("Brust Time P%d:" i+1);
    Scanf ("%d", &bt[i]);
    Printf ("Arrival Time P%d:; i+1);
  }
  temp = (at[0] != 0)? at[0]:0;
  float avg Tat = 0, avg wt = 0;
  printf ("process\t BT\tAT\tTAT\tWT\n");
  {
    wt [i] = 0
    tat [i] = 0;
    wt[i] = temp - at[i];
    temp = temp + bt[i];
    tat[i] = wt[i] + bt[i]
    printf ("P%d\t%d\t%d\t%d\t%d\n", i+1, bt[i],
                                    at[i], tat[i], wt[i]);

    avg Tat avgTat + = tat[i];
    avg wt += wt[i];
  }
}
```

Name = Lovejeet Singh mehra
Student ID = 2005123

```
    avg wt /= 4;
    avg Tat /= 4;
    printF (" average Turn Around Time = %.3f \n Average
                Waiting Time = %.3f", avg Tat, avg wt);
    return 0;
}
```


C:\Users\kunda\Desktop\New folder\Untitled1.exe
Processes Burst Waiting Turn around
1 6 0 6
2 8 6 14
3 10 14 24
4 11 24 35
Average waiting time = 11.000000
Average turn around time = 19.750000

Process exited after 0.05141 seconds with return value 0
Press any key to continue . . .