Ans 1-)

```
#include<stdio.h>
int main()
{
int n, bt[20], wt[20], tat[20], avwt=0,
avat=0, i, j;
Print("Enter total number of processes
(maximum 20):");
 Scanf("%d", &n);

Print f("\n Enter Process Burst time\n");
for(i=0; i<n; i++)
{
 print f("P[%d]:", i+1);
 scanf("%d", &bt[i]);

}
wt[0]=0;
for(i=1; i<n; i++)
{ wt[i]=0;
 for(j=0; j<i; j++)
  wt[i]+=bt[j];

}
```

```
Print f("\n Process \t Burst Time \t Waiting
Time \t Turnaround Time");
    for(i = 0; j< n; i++)
    {
    tat[i]=bt[i] + wt[i];
    avwt += wt[i];
    avwt += tat[i];
    Print f ("\n P[%d]
\t\t %d \t\t %d \t\t %d", i+1, bt[i], wt
[i], tat[i]);
    }
    avwt /= i;
    avwt /= i;
    Print f("\n \n Average Waiting Time Time %d",
    avwt); %d", avtat);
    return 0;
}
```

```
26      printf("\nProcess\t\tBurst Time\tWaiting Time\tTurnaround Time");
27
28
29      for(i=0;i<n;i++)
30      {
31          tat[i]=bt[i]+wt[i];
32          avwt+=wt[i];
33          avtat+=tat[i];
34          printf("\nP[%d]\t\t%d\t\t%d\t\t%d",i+1,bt[i],wt[i],tat[i]);
35      }
36
37      avwt/=i;
38      avtat/=i;
```

```
Enter total number of processes(maximum 20):
```

input