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Q1
```c
#include <stdio.h>
int main()
{ int n, bt[20], wt[20], tat[20], avwt=0, avtat=0,i,j;
Printf (" enter total number of processes :");
scanf ("%d",&n);
Printf ("enter process Burst time \n");
for (i=0 ; i<n; i++)
{ printf ("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];
   Printf ("\n PROCESS \t Burst time \t waiting time \t turnaround time");
   for (i=0; i<n; i++)
   { tat[i]= bt[i]+ wt[i];
    avwt += wt[i];
    avtat += tat[i];
   Printf ("\n P[%d]\t\t %d \t\t %d \t\t %d", i+1,bt[i],wt[i], tat[i]);
   }
```

```c
avwt /= i;
avtat /= i;

printf("\n average waiting time: %d", avwt);
printf("\n average turn around time: %d", avtat);

return 0;
}
```

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