```
#include<stdio.h>

 int main()

{
   int n,bt[30],wait_t[30],turn_ar_t[30],av_wt_t=0,avturn_ar_t=0,i,j;
   printf("Please enter the total number of processes(maximum 30):");  // the maximum process that be used to calculate is specified.
   scanf("%d",&n);

   printf("\nEnter The Process Burst Timen");
   for(i=0;i<n;i++)  // burst time for every process will be taken as input
   {
      printf("P[%d]:",i+1);
      scanf("%d",&bt[i]);
   }

   wait_t[0]=0;

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

   printf("\nProcess\t\tBurst Time\tWaiting Time\tTurnaround Time");

   for(i=0;i<n;i++)
   {
      turn_ar_t[i]=bt[i]+wait_t[i];
      av_wt_t+=wait_t[i];
      avturn_ar_t+=turn_ar_t[i];
      printf("\nP[%d]\t\t%d\t\t\t%d\t\t\t\t%d",i+1,bt[i],wait_t[i],turn_ar_t[i]);
   }

   av_wt_t/=i;
   avturn_ar_t/=i;  // average calculation is done here
   printf("\nAverage Waiting Time:%d",av_wt_t);
   printf("\nAverage Turnaround Time:%d",avturn_ar_t);

   return 0;
}
```