9. Consider three processes (process id 0, 1, 2 respectively) with compute time bursts 2, 4 and 8-time units. All processes arrive at time zero. Write a program to compute the average waiting time and average turnaround time based on First Come First Serve scheduling

#include<stdio.h>

int main(){

int n,i,g=0,wt=0,tt=0;

printf("enter the number of process : ");

scanf("%d",&n);

printf("Enter the burst-time : \n");

int p[n],w[n],t[n];

for(i=0;i<n;i++){

scanf("%d",&p[i]);

}

w[0]=0;

for(i=1;i<n;i++){

w[i]=g+p[i-1];

g=w[i];

}

printf("\n");

for(i=0;i<n;i++){

t[i]=w[i]+p[i];

}

for(i=0;i<n;i++){

wt=wt+w[i];

tt=tt+t[i];

}

printf("The average waiting time : %d",wt/n);

printf("The average turnaround time : %d",tt/n);

}

Output:-

