FIRST COME FIRST OUT

#include <iostream>

using namespace std;

int main()

{

int n,i,j,bt[20],wt[20],tat[20],avtat=0,avwt=0;

cout<<"enter the number of processes:";

cin>>n;

cout<<"\nenter the burst time for n processes";

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

{

cout<<"\n[P"<<i+1<<"]:";

cin>>bt[i];

}

wt[0]=0;

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

{

wt[i]=0;

for(j=0;j<i;j++)

wt[i]+=bt[j];

}

cout<<"\nProcess\t\tBurst Time\tTurn Around Time\t Weighting time";

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

{

tat[i]=bt[i]+wt[i];

avtat+=tat[i];

avwt+=wt[i];

cout<<"\nP["<<i+1<<"]"<<" "<<bt[i]<<" "<<tat[i]<<" "<<wt[i];

}

avtat/=i;

avwt/=i;

cout<<"\naverage turn around time "<<avtat;

cout<<"\naverage weighting time"<<avwt;

return 0;

}