**PRACTICAL-9**

**IMPLEMENTATION OF FCFS SCHEDULING ALGORITHM.**

#include<iostream.h>

#include<conio.h>

void main ()

{

int a [50],c[50],b[50],f=0,n;

clrscr();

cout<<”enter the no. of processes”;

cin>>n;

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

{

cout<<”Enter the burst time for process” <<I<<” “;

cin>>a[I-1];

}

cout<<”\n The Ready queue will be:\n”;

c[I]=0;

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

{

cout<<”p”<<I<<” “;

c[I]=c[I-1]+a[I-1];

}

cout<<”\n”;

}

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

{

cout<<”\n Waiting time for Process”<<I+1<<<<:”;

cout<<c [I];

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

f=f+c [I];

cout<<”\n Average waiting time will be”<<f\n;

getch ();

}