#include <iostream>

#define max 10

using namespace std;

int queue[100],front=-1,rear=-1;

void Insert()

{

int job;

if (rear==max-1)

cout<<"Queue Is Overflow"<<endl;

else

{

if(front==-1)

front=0;

cout<<"Enter The Computer Job In Queue:"<<endl;

cin>>job;

rear++;

queue[rear]=job;

}

}

void Delete()

{

if(front==-1||front>rear)

{

cout<<"Queue Underflow"<<endl;

}

else

{

cout<<"Job Deleted From Queue Is:"<<queue[front]<<endl;

front++;

}

}

void Display()

{

if(front==-1)

cout<<"Queue Is Empty"<<endl;

else

{

cout<<"Computer Jobs Queues Are: "<<endl;

for(int i=front;i<=rear;i++)

cout<<queue[i]<<" ";

cout<<endl;

}

}

int main()

{

int ch;

cout<<"1.Insert Job To Queue"<<endl;

cout<<"2.Delete Job From Queue"<<endl;

cout<<"3.Display All Job Of Queue"<<endl;

cout<<"4.Exit"<<endl;

do{

cout<<"Enter Your Choice:";

cin>>ch;

switch(ch)

{

case 1:Insert();

break;

case 2:Delete();

break;

case 3:Display();

break;

case 4:

cout<<"Exiting Program"<<endl;

}

}while(ch!=4);

return 0;

}