#include<stdio.h>

#include<conio.h>

#define MAX

int qarr[MAX];

int front=-1;

int rear=-1;

void insert(int item)

{

if front==(rear%MAX-1))

{

printf(“over flow”);

return;

}

if(front==-1)

{

rear=0;

front=0

}

else

{

if(rear==MAX-1)

rear=0;

else

rear=rear+1;

}

qarr[rear]=item;

}

void del()

{

if(front==-1)

{

printf(“queue is empty”);

return;

}

printf(“number to be deleted %d”,qarr[front]);

if(front==rear)

{

front=-1;

rear=-1;

}

else if(front==MAX-1)

front=0;

else

front=front+1;

}

void disp()

{

int fpos=front,rpos=rear;

if(front==-1)

{

printf(“queue is empty”);

return;

}

printf(“%d”,qarr[fpos]);

fpos++;

}

}

}

int main()

int choice,item;

printf(\n1.insert”);

printf(“\n2.delete”);

printf(“\n3.display”);

printf(“\n4.exit”);

printf(“enter your choice”);

scanf(“%d”,&choice”);

switch(choice)

{

case 1:

printf(“enter the amount to be deleted”);

scanf(“%d”,&item);

insert(item);

break;

case 2:

del();

break;

case 3:

dis();

default:

printf(“invalid choice”);

}

return 0;

}