#include"iostream.h"

#include"conio.h"

class ARRAY

{

private:

int A[7],size,n;

public:

ARRAY();

void ADD\_BEG(int ele);

int DEL\_BEG();

void LIST\_ALL();

};

void ARRAY::ARRAY()

{

size=6;

n=0;

}

void ARRAY::ADD\_BEG(int ele)

{

if(n==size)

{ cout<<endl<<"Array is full";

return;

}

for(int i=n;i>0;i--)

{

A[i+1]=A[i];

}

A[1]=ele;

n++;

}

int ARRAY::DEL\_BEG()

{

int ele;

if(n==0)

{

cout<<endl<<"Array is empty";

return NULL;

}

ele=A[1];

for(int i=2;i<=n;i++)

{

A[i-1]=A[i];

}

n--;

return ele;

}

void ARRAY::LIST\_ALL()

{

if(n==0)

{

cout<<endl<<"Array is empty";

}

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

cout<<endl<<A[i]<<" ";

}

void MENU()

{

ARRAY obj;

do

{

int option,ele;

cout<<endl<<"------MENU---------";

cout<<endl<<"1.ADD\_BEG";

cout<<endl<<"2.DEL\_BEG";

cout<<endl<<"3.LIST\_ALL";

cout<<endl<<"4.EXIT";

cout<<endl<<"Enter the option";

cin>>option;

switch(option)

{

case 1:

cout<<endl<<"Enter the add element";

cin>>ele;

obj.ADD\_BEG(ele);

break;

case 2:

obj.DEL\_BEG();

break;

case 3:

obj.LIST\_ALL();

break;

case 4:

cout<<endl<<"Exit";

return;

default:

cout<<endl<<"Invalid option";

}

}while(1);

}

void main()

{

clrscr();

MENU();

getch();

}