```cpp
#include<iostream.h>
#include<conio.h>
#include<process.h>

class stack
{
      int s[10],n,top,ele,i;
public:
      stack()
      {
            top=-1;
      }
      void push();
      void dis();
      int pop();
      int peep();
      void change();
};
void stack::push()
{
      if(top>=2)
       cout<<"\nStack is overflow:";
      else
      {
       cout<<"\nEnter element:";
       cin>>ele;
       top++;
       s[top]=ele;
      }
}

void stack::dis()
{
      cout<<"\nElements in stack are:\n";
      for(i=top;i>=0;i--)
       cout<<s[i]<<"\t";
}
int stack::pop()
{
      if(top==-1)
      {
            cout<<"\nUnderflow";
            return 0;
      }
      else
            return (s[top--]);
}

int stack::peep()
{
      cout<<"\nEnter position:";
      cin>>i;
      if((top-i+1)<0)
      {
```

```cpp
        cout<<"\nUnderflow";
    return 0;
    }
    else
    return (s[top-i+1]);
}

void stack::change()
{
    cout<<"\nEnter position ";
    cin>>i;
    if((top-i+1)<0)
    {
        cout<<"\nUnderflow";
    }
    else
    {
        int n;
        cout<<"\nEnter element:";
        cin>>n;
        s[top-i+1]=n;
    }
}

void main()
{
    clrscr();
    stack s;
    int ch;
    cout<<"\n1. Push  2.Display  3.Pop  4.Peep  5.Change 6.Exit\n";
    while(ch!=6)
    {
        cout<<"\nEnter ch :";
        cin>>ch;
        switch(ch)
        {
            case 1: s.push(); break;
            case 2: s.dis(); break;
            case 3: int n=s.pop();
                    if(n>0)
                    cout<<"\nPop ele is "<<n;
                    break;
            case 4: int m=s.peep();
                    if(m>0)
                    cout<<"\nPeep ele is "<<m;
                    break;
            case 5: s.change(); break;
            case 6: exit(0);
        }
    }
    getch();
}


*/ Output */


1. Push  2.Display  3.Pop  4.Peep  5.Change 6.Exit

Enter ch :1
```

```
Enter element:10

Enter ch :1

Enter element:20

Enter ch :1

Enter element:30

Enter ch :1

Stack is overflow:
Enter ch :2

Elements in stack are:
30      20      10
Enter ch :3

Pop ele is 30
Enter ch :2

Elements in stack are:
20      10
Enter ch :4

Enter position:1

Peep ele is 20
Enter ch :
2

Elements in stack are:
20      10
Enter ch :5

Enter position 1

Enter element:80

Enter ch :2

Elements in stack are:
80      10
Enter ch : 6
```