STACK USING CLASS AND OBJECTS

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CODE:

*#practical 8  
#stack using the class and objects  
#ID:20CE122  
#NAME:KEYUR SANGHANI*class stack:  
 def \_\_init\_\_(self):  
 self.items=[]  
  
 def push(self,a):  
 self.items.append(a)  
  
 def pop(self):  
 return self.items.pop()  
  
 def isempty(self):  
 return self.items==[]  
  
s=stack()  
while True:  
 print('push <value>')  
 print('pop')  
 print('quit')  
 what\_to\_do=input('what do you want to do: ').split()  
  
 opr=what\_to\_do[0].strip().lower()  
 if opr=='push':  
 s.push(int(what\_to\_do[1]))  
 elif opr=='pop':  
 if s.isempty():  
 print("stack is empty")  
 else:  
 print('poped element is' , s.pop())  
  
 elif opr=='quit':  
 break

OUTPUT:



