class Stack

def\_init\_(self):

self.items=[]

def is\_empty(self):

        return self.items==[]

    def push(self, data):

        self.items.append(data)

    def pop(self):

        return self.items.pop()

s= Stack()

while True:

    print(‘push<value>’)

    print(‘pop’)

    print(‘quit’)

do= input(‘What would you like to do?’).split()

operation= do[0].strip().lower()

if operation== ‘push’:

s.push(int(do[1]))

elif operation== ‘pop’:

    if s.is\_empty():

        print(‘Stack is empty’)

    else:

        print(‘Popped value:’, s.pop())

elif operation==’quit’:

break