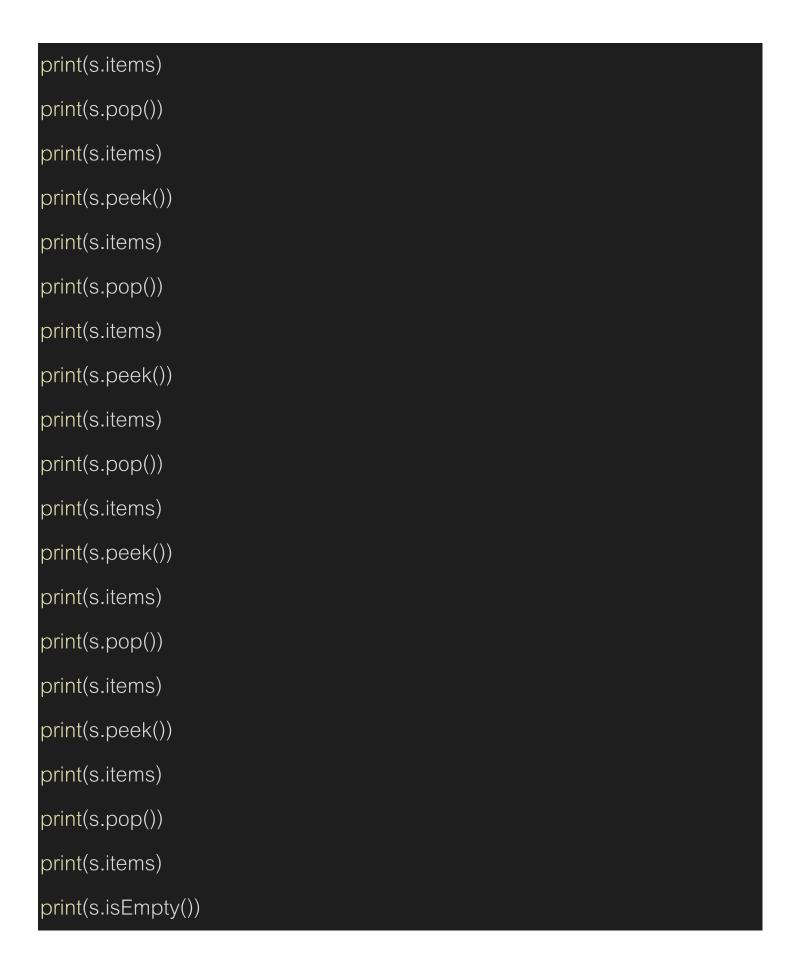
```
class Stack:
 def __init__(self, list = None):
  if list == None:
   self.items = []
  else:
   self.items = list
  self.size = len(self.items)
 def __str__(self):
  s = 'stack of '+ str(self.size())+' items : '
  for ele in self.items:
   s += str(ele)+''
  return s
 def push(self, i):
  self.items.append(i)
  self.size += 1
 def pop(self):
  return self.items.pop()
```

```
def peek(self):
  return self.items[ -1]
 def isEmpty(self):
  return self.items == []
 def size(self):
  return len(self.items)
s = Stack()
s.push('A')
s.push('B')
s.push('C')
s.push('D')
s.push('E')
s.push('F')
print(s.items)
print(s.pop())
print(s.items)
print(s.peek())
```



OUTPUT:

```
['A', 'B', 'C', 'D', 'E', 'F']

F

['A', 'B', 'C', 'D', 'E']

E

['A', 'B', 'C', 'D', 'E']

D

['A', 'B', 'C', 'D']

D

['A', 'B', 'C']

C

['A', 'B', 'C']

C

['A', 'B']

B

['A', 'B']

B

['A', 'B']

A

['A']

A

['A']

A

[]

True
```