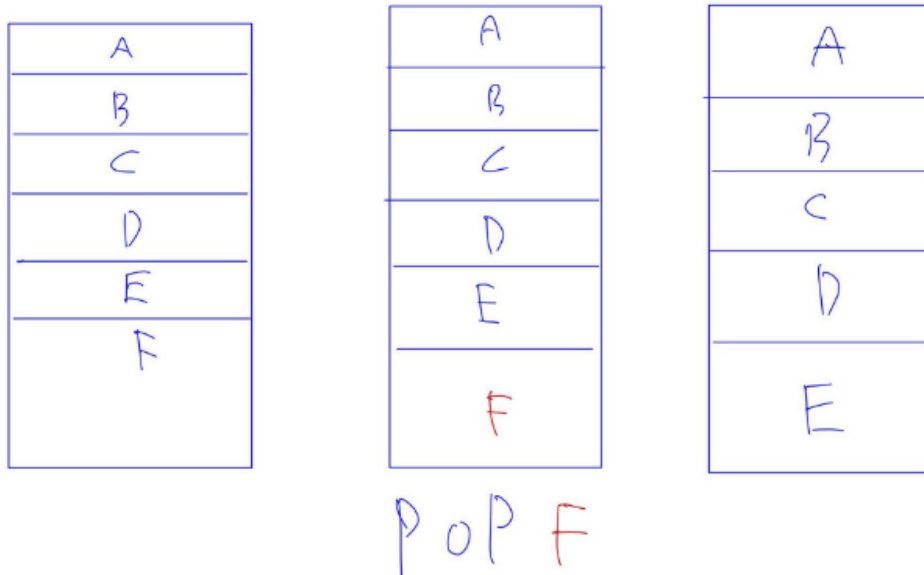


```
[ ] #EX1
array = ["A","B","C","E","F"]
print("Unpopped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|   f{i}|, " |",f"{array[i]}|, "|")
array.pop()
print("Popped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|   f{i}|, " |",f"{array[i]}|, "|")
```

```
Unpopped Stack
Address Stack
| 0 | A |
| 1 | B |
| 2 | C |
| 3 | E |
| 4 | F |
Popped Stack
Address Stack
| 0 | A |
| 1 | B |
| 2 | C |
| 3 | E |
```

[link text](#)





#EX1.1

```
array = ["A","B","C","E","F"]
print("Unpoped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|   f"{i}",   |",f"{array[i]}",|")
array.pop(0)
print("Popped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|   f"{i}",   |",f"{array[i]}",|")
```

□: Unpoped Stack

Address Stack

| 0 | A |

| 1 | B |

| 2 | C |

| 3 | E |

| 4 | F |

Popped Stack

Address Stack

| 0 | B |

| 1 | C |

| 2 | E |

| 3 | F |

A
B
C
D
E
F

A
B
C
D
E
F



B
C
D
E
F

$$\text{pop}(0) = A$$

```

#EX2
array = ["A","B","C","E","F"]
print("Unpopped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|", f"{i}", " |", f"{array[i]}", "|")
array.pop()
array.pop()
array.pop()
array.pop()
array.pop()
array.append("F")
array.append("E")
array.append("C")
array.append("B")
array.append("A")
print("Popped Stack")
print("Address Stack")
for i in range(len(array)):
    print("|", f"{i}", " |", f"{array[i]}", "|")

```

Unpopped Stack

Address Stack

	0		A	
	1		B	
	2		C	
	3		E	
	4		F	

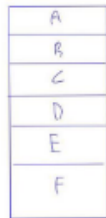
Popped Stack

Address Stack

	0		F	
	1		E	
	2		C	
	3		B	
	4		A	



POP C



POP F



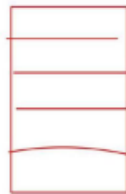
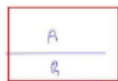
POP E



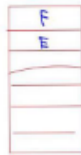
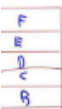
POP D



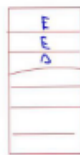
POP C



Push F



Append E



Append D



Append C