

1.2)
Q 1.12) Data flow

ADDRESS	Array
0	A

stack.append('A')

→

Address	Array
1	B
0	A

stack.append('B')

→

Address	Array
2	C
1	B
0	A

stack.append('C')

→

address	Array
3	D
2	C
1	B
0	A

stack.append('D')

address	Array
4	E
3	D
2	C
1	B
0	A

stack.append('E')

→

Address	Array
5	F
4	E
3	D
2	C
1	B
0	A

stack.append('F')

4

Vol. 2 POP Part Data Flow

Address	Array
4	E
3	D
2	C
1	B
0	A

stack.pop()



Address	Array
3	D
2	C
1	B
0	A

stack.pop()



Address	Array
2	C
1	B
0	A

stack.pop()

Address	Array
1	B
0	A

stack.pop()



Address	Array
0	A

stack.pop()



Add	Arr

stack.pop()

1.2) pop Part Data flow

Address	Array
4	F
3	E
2	D
1	C
0	B

stack.pop(0)



Address	Array
3	F
2	E
1	D
0	C

stack.pop(0)



Address	Array
2	F
1	E
0	D

stack.pop(0)

Address	Array
1	F
0	E

stack.pop(0)



Address	Array
0	F

stack.pop(0)



Address	Array

stack.pop(0)

✓

Q2 Reverse Stack Data flow

Address	Array
0	F

Stack.append('F')

Addr	Arr
1	E
0	F

Stack.append('E')

Address	Array
2	D
1	E
0	F

Stack.append('D')

Address	Array
3	C
2	D
1	E
0	F

Stack.append('C')

Address	Array
4	B
3	C
2	D
1	E
0	F

Stack.append('B')

Address	Array
5	A
4	B
3	C
2	D
1	E
0	F

Stack.append('A')