1. Operation which is returned the copy of a top element from the stack
   A) top
   B) dequeue
   C) insert
   D) push
   E) pop

2. Write the result of the following program ( Java )
   ```java
   public class A{
   public static void main(String[] args){
   int x = 1;
   int y = x%10 + 5%3;
   System.out.print(y);
   }
   }
   ```
   A) 1
   B) 3
   C) 2
   D) 4
   E) 0

3. Write the result of the following program on python
   ```python
   def f(x):
   return x +2
   def z(y):
   return y + 1
   print(z(f(1)))
   ```
   A) 1
   B) 4
   C) 3
   D) 2
   E) 33

4. Write the result of the following code on python
   ```python
   A = [1,2,3] + [4,5,6]
   print(len(A))
   ```
   A) 6
   B) 3
   C) len(L1)*len(L2)
   D) 1
   E) 1, 2, 3, 4, 5, 6

5. Write the result of the following code on python

```
x = (lambda a="fee", b="fie", c="foe": a + b + c)
x("wee")
```

A) 'weefiefoe'
B) 'eefiefoe'
C) 'fiefoe'
D) 'wee'
E) 'weefie'

6. Write the result of the following program on python

```
x = 22
y = 22
if(x > 21 and y == x):
print x
else:
print y+2
```

A) 22
B) 31
C) 24
D) None
E) 0

7. Write the result of the following code on python

```
f = lambda x, y, z: x*x + y + z
f (2, 3, 4)
```

A) 12
B) 10
C) 13
D) 11
E) 14

8. Write the result of the following code on python

```
L = ['spam', 'Spam', 'SPAM?']
print(L[2:])
```

A) 'spam'
B) ['SPAM?']*2
C) ['SpamSpam']
D) ['SPAM?']
E) 'SPAMSpam?'

9. Write the type of the variable 'x' on python

```
x = 5
```

A) float
B) complex
C) boolean
D) int
E) double

10. Write the type of the variable 'x' on python

```python
x = 10
for i in range(x):
    for j in range(x):
        x += x
        if(x == 10):
            x = "True"
        else:
            x = False
```

A) float
B) complex
C) int
D) string
E) boolean