

Name: \_\_\_\_\_

**[{"P": "Y"}, "TH", ["O", "N"], ("TE", "ST")]**

1. What is the output of the following?

```
x = ['ab', 'cd']
for i in range(len(x)):
    if i%2==1:
        x[i]=x[i].upper()
print(x)
```

Answer: \_\_\_\_\_

2. What is the output of the code shown below?

```
if (False) and (0 < -9):
    print("hello")
elif (9 > 0 and False) or False:
    print("good")
else:
    if 9>0:
        print("badbad")
    else:
        print("budbud")
```

Answer: \_\_\_\_\_

4. The output of the line of code shown below is:

```
a=not(10<20) and not(10>30)
a=a or True
print(a)
```

Answer: \_\_\_\_\_

5. What is the output of the following?

```
i = 1
while True:
    if i%3 == 0 and i>5:
        break
    print(i)
    i+=1
```

Answer: \_\_\_\_\_

6. What is the output of the following?

```
def a():  
    print("ayo_", end="a")  
  
def b():  
    print("ayo_", end="b")  
  
i = 0  
while i < 5:  
    print(i, end=" ")  
    i += 1  
    if i == 3:  
        a()  
        break  
    b()
```

Answer:\_\_\_\_\_

7. What is the output when following statement is executed ?

1. `>>>"abcd"[2:]`

Answer:\_\_\_\_\_

8. What is the output when following code is executed ?

```
str1 = 'hello'  
str2 = ','  
str3 = 'world'  
str1[-1:]
```

Answer:\_\_\_\_\_

9. What is the output when following code is executed ?

```
str1 = 'hello'  
str2 = ','  
str3 = 'world'  
str1[-1::-1]
```

Answer:\_\_\_\_\_

10. Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.remove(1) ?

Answer:\_\_\_\_\_