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Worksheet -1

PYTHON REVISION TOUR-2

Subject :-Computer Science

Std.: XII

Q. No. Question

1.

```
x=5
y=10
if x<y:
    print(x+y) else:
    print(x*y)
```
2. Predict the output for value of:- (a) x=15 (b) x=8

```
if x<(x%3):
    print(x**3)
elif x%4>=1:
    print(x*4)
else:
    print(x%10)
```
3.

```
str="InDian"
if str[0]<="B":
    print(str[0]*2)
elif str[1]>="I":
    print(str[1]*3)
```
4.

```
str="InDian"
if str[0]>="D" and str[1]<="N":
    print(str[0]*2)
elif str[3]>="I" or str[4]>="A":
    print(str[3]*3)
```
5.

```
x="NEW World"
print(x[:1], x[: -1])
print(x[1:-3], x[-5:-2])
```
6.

```
p=7//3
q=p*5
r=p+q
p += p+q+r
print(p, q, r)
```
7.

```
T=("sun", 3, "tue", 5, "thru", 7)
if "sun" not in T:
    for i in range (0,2):
        print(T[i])
else:
    for i in range (2,6):
        print(T[i])
```

8.

```
p=20
q=10
p*=q//2 q+=p+q**3
print(p,q)
```
9.

```
L=[10, 20, "OK", "GOOD", 500]
X=len(L) if L[0]<X:
for i in L:
    print(i)
else:
for i in L:
    print(i+i)
```
10.

```
L1=[1, 2, 3, 2, 1]
L2=[5, 4, 3, 2, 1] X1=len(L1) X2=len(L2)

if X1<=X2:
for i in range(0,X1-2):
    print(i, "*")
elif X1>X2:
for i in range(0, X2-1):
    print(i, ",")
```

Find the errors.

11.

```
a=100
200=b
IF a>b:
    print("100") ELSE
    print(A*100)
```
12.

```
A=int("Enter value of A")
B=int(input("Enter value for B")) for i in range [0,5]
    if A=B:
        print(A) else:
        Print(B)
```
13.

```
a=int{input("Enter 1st No.")} b=int(input("Enter 2nd No. "))
c=int(input("Enter 3rd No. "))
if a>b and a>c
    print("a is >")
    if b>a and b>c: Print("b is >")
    if c>a and c>b:
        print(c is >)
```
14.

```
x = 20
x =+ 5
x - x = 10 Print(x) x, y = x-1
print(x , y)
```
15.

```
a, b, c = 10, 20, 30
a, b = b, c, a
if a+b<c: print(A+b+c) elif:
    Print(a+b+c)
    print("a is >")
if b>a and b>c: Print("b is >")
if c>a and c>b:
    print(c is >)
```

14. `x = 20`
`x =+ 5`
`x - x = 10 Print(x) x, y = x-1`
`print(x , y)`
15. `a, b, c = 10, 20, 30`
`a, b = b, c, a`
- `if a+b<c: print(A+b+c) elif:`
`Print(a+b+c)`
