

Chapter 5 Flow Of Control WS 1

Write the output of the following codes

1)

```
x = 10
```

```
if x > 5:
```

```
    print("High")
```

```
if x < 15:
```

```
    print("Low")
```

o/p

High

Low

2)

```
num = 7
```

```
if num % 2 == 0:
```

```
    print("Even",end="@")
```

```
print("Done")
```

o/p

Done

3)

```
num = 6
```

```
if num % 2 == 0:
```

```
    print("Even",end="@")
```

```
print("Done")
```

o/p

Even@Done

4)

```
a = 20
```

```
if a > 50:
```

```
    print("Above 50")
```

```
if a < 50:
```

```
    print("Below 50")
```

o/p

Below 50

5)

```
age = 18
```

```
if age >= 18:
```

```
print("Eligible to vote")
```

o/p

Eligible to vote

6)

```
x = 0
```

```
if x:
```

```
    print("True")
```

```
print("End")
```

o/p

End

7)

```
marks = 90
```

```
if marks >= 90:
```

```
    print("Grade A")
```

```
if marks >= 80:
```

```
    print("Grade B")
```

o/p

Grade A

Grade B

8)

```
temp = 35
```

```
if temp > 30:
```

```
    print("Hot")
```

```
    print("Stay hydrated")
```

o/p

Hot

Stay hydrated

9)

```
x = 5
```

```
if x % 2 == 0:
```

```
    print("Even")
```

```
else:
```

```
    if x % 3 == 0:
```

```
        print("Divisible by 3")
```

```
    else:
```

```
        print("Odd")
```

o/p

Odd

10)

```
x = 15
```

```
if x > 10:
```

```
    if x < 20:
```

```
        print("Between 10 and 20")
```

```
    else:
```

```
        print("20 or more")
```

```
else:
```

```
    print("10 or less")
```

o/p

Between 10 and 20

11)

```
name = "Alice"
```

```
if name == "alice":
```

```
    print("Hi Alice")
```

```
else:
```

```
    print("Who are you?")
```

o/p

Who are you

12)

```
x = 12
```

```
if x > 10:
```

```
    print("Greater")
```

```
    if x > 15:
```

```
        print("Much Greater")
```

```
    print("Checked")
```

```
print("Done")
```

o/p

Graeter

Checked

Done

13)

```
x = "10"
```

```
if x == 10:
```

```
    print("Integer")
```

```
else:  
    print("String")
```

o/p
String

```
14)  
num = 10  
if num % 2 == 0:  
    if num % 5 == 0:  
        print("Even and not divisible by 5")  
    else:  
        print("Even and divisible by 5")  
else:  
    print("Odd number")
```

o/p
Even and not divisible by 5