

**Class Revision – 2 Solution**  
**Lesson – 10 Conditions in python**

**Q.1. Write a program to check whether a number year entered by user is a leap year or not. (3)**

**Ans.**

```

number = int(input("Please Enter any year : "))
if(number % 4 == 0):
    print("Leap year")
else:
    print("not leap")

```

**Q.2. Define (2)**

- (i) **Operators:-** An operator is a symbol which helps the user to command the computer to do certain mathematical or logical manipulation
- (ii) **Conditional Statement:-** Decision in a program are used when the program has conditional choices to execute code block.

**Q.3. Match the following:- (3)**

- |                          |        |
|--------------------------|--------|
| (i) Floor Division       | a) /   |
| (ii) Division            | b) //  |
| (iii) Logical And        | c) %=  |
| (iv) Modulus And         | d) and |
| (v) Replication operator | e) <>  |
| (vi) Not equal to        | f) *   |

**Q.4. Find errors in the program and write the correct program. Also write the output. (2)**

|  |   |
|--|---|
| <pre>if num&lt;=400:     print("Number is &lt;=400")</pre> | <p style="text-align: center;">Number is &lt;=400</p> |
|--|---|

**Correct Program**

**Output**