

# Lab Tutorial

## Class 8

### Lab 19: Python Flow Control

## 1. Question-Answer (use python idle)

What do the following expressions evaluate to?

- i) `(5 > 4) and (3 == 5)`
- ii) `not (5 > 4)`
- iii) `(5 > 4) or (3 == 5)`
- iv) `not ((5 > 4) or (3 == 5))`
- v) `(True and True) and (True == False)`
- vi) `(not False) or (not True)`

2. What are the two values of the Boolean data type? How do you write them?

3. What are the six comparison operators?

4. What is the difference between the equal to operator and the assignment operator?

5. Write code that prints `Hello` if `1` is stored in `spam`, prints `Howdy` if `2` is stored in `spam`, and prints `Greetings!` if anything else is stored in `spam`.