

Lab Tutorial

Class 8

Lab 18: Python Basics-ii

1. Question-Answer: Choose the correct data types

- i) 1 is a → a) Strings b)float c)integer
- ii) "1.5" is a → a) Strings b)float c)integer
- iii) 1.22224 is a → a) Strings b)float c)integer
- iv) "apple" is a → a) Strings b)float c)integer
- v) 50 is a → a) Strings b) float c) integer
- vi) "I'm Mr. X" is a → a) Strings b) float c) integer

2.

Which of the following are operators, and which are values?

`*`

`'hello'`

`-88.8`

`-`

`/`

`+`

`5`

3.

What should the following two expressions evaluate to?

`'spam' + 'spamspam'`

`'spam' * 3`

4.

Which of the following is a variable, and which is a string?

spam

'spam'

5.

What does the variable bacon contain after the following code runs?

```
bacon = 20
```

```
bacon + 1
```

6.

Why does this expression cause an error? How can you fix it?

```
'I have eaten ' + 99 + ' burritos.'
```

7.

Print → hello world

8.

write a program that take a string and count the length of string

sample input:

hasib

output

5

9.

write a program that takes a person age and name and print→ (person) is (age) years old

sample input:

Rahim

15

output:

Rahim is 15 years old