Python Oral Questions

1.What is python?

2.Why python is used for data science/ Data analysis?

- Python is programming language
- It is a open source
- It supports vast no of libraries

3.Data types in python?

- Integer
- Float
- Complex Number
- String
- Boolean

4.Data Structures in python?

- List
- Tuple
- Set
- Dictionary

5.Diffrence B/w List & Tuple?

- List is written in [], Tuple is written in ().
- List is mutable/changeable, Tuple is immutable/unchangeable.
- List consumes more memory, Tuple Consumes less memory

6.What is set in python?

- Set is written in curly bracket.
- Set does not allows duplicated values.

7.Dictionary?

- Written in curly bracket
- It is written in key and values

8.Can We concatenate String + Integer? # 'Data' + 10?

- No We need same data type

9.Arethematic Operators?

- +, - , / , *

10.Comparison Operators?

- <
- >
- ==
- !+
- <=
- >=

11.What is variable in python?

- We assign variable to store data into it
- It never have only numerical value