

Python Worksheet 2

Ans1) B

Ans2) C

Ans3) A

Ans4) B

Ans5) C

Ans6) C

Ans7) A

Ans8) C

Ans9) A, D

Ans10) A, C, D

Ans11) Difference between List, Tuples, Sets and Dictionary are: List - list are mutable it can be changed after creation and also list cannot be used as key in dictionary because dictionary itself are immutable. Tuples - tuples are immutable it cannot be changed after creation but it can be used in dictionary as tuples and dictionary both are immutable. Sets - A set is a collection of unique keys. it is similar to dictionary but it only holds single value not like Key:Value Pair. Dictionary - A dictionary is a collection of key:Value pair. it is mutable and have unordered collection. where as list and tuples are ordered collection of items.

Ans12) Strings are immutable. `abc = "I+Love+Python"` `result = abc.replace("+", " ")`
`print(result)`

Ans13) Function `ord()` gives the unicode of a character. it only takes a string length of 1. it converts string to number. Example: `a = ord("a")` `print(a)` `type()` function is used for getting datatype of a variable. Example: `type("FlipRobo")`

Ans14) & Ans15) in worksheet_2_on_python.ipynb