Assignment-2

① what are the datatypes in python? Explain.

A) The datatypes in Python are
   i) int — integer data type
   ii) float — floating data type
   iii) str — string data type
   iv) complex — complex data type
   v) bool — boolean data type

② Briefly explain history of Python?

A) Python is a high level programming language. It was initially designed by guido van Rossumin in 1991 & developed by Python software Foundation. It was developed for emphasis on code readability. its syntax allows programmers to express concepts in fewer lines of code.

③ Explain all the operators in python.

A) The operators in Python are
   i) Arithmetic operators
   ii) Assignment operators
   iii) comparison operators
   iv) Logical operators
   v) Bit-wise operators
   vi) identify operators
   vii) Membership operators.

(4) Explain the features of python

A) i) python is a high level language
ii) python is an interpreted language
iii) python is cross-platform language.
iv) expressive language.
v) object-oriented language
vi) Integrated language.

(5) Justify why python is interactive interpretend language.

A) python is called an interpreted language because it gas through an interpreted which turns code you write into the language understood by computers processor we can run a code without compiling which is not present as in 'c' language.