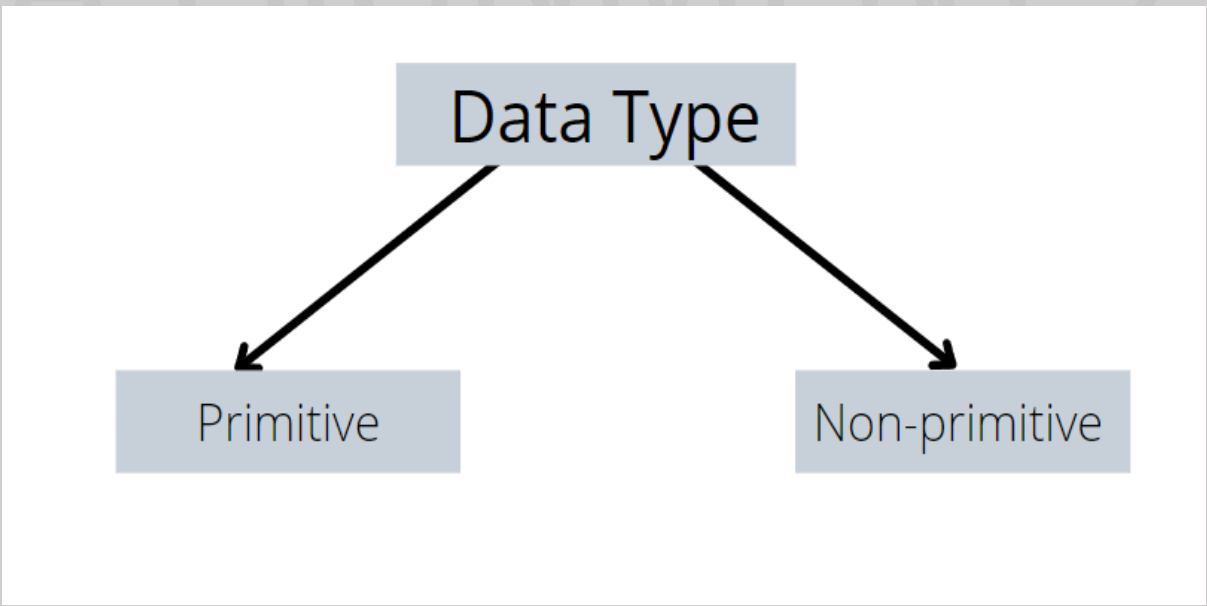
ASSIGNMENT:-2

Datatypes: Datatypes are the mechanism used to convert the real-world data into binary and store it in computer memory.

There are two types of datatypes such as: -

- Primitive datatypes
- Non-Primitive datatypes



Question1:

What range of data can be stored in float and double?

Answer:

Float: The range of values that can be stored in a float is approximately ±3.40282347E+38F i.e., 6-7 significant digits.

Double: The range of values that can be stored in a double is approximately ±1.79769313486231570E+308 i.e., 15-16 significant digits.

Question 2: how many digits of data can be stored in float and double?

Answer:

Float: It can store numbers with a precision of approximately 7 decimal digits.

Double: It can store numbers with a precision of around 15 to 16 decimal digits.

Submitted By: Jagyasini Rautray

submitted to: Punith sir

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ASSIGNMENT 2