Non-Primitive Data Types

What are non-primitive data types?

Primitive data types :Pre-Defined in the programming language.

Non-Primitive data types: Created by us.

Also called reference types: Refer to memory location where data is stored instead of storing the actual data.

Examples: Strings, Arrays, Classes, Interfaces.

Arrays

An array is a group of variables of similar kind.

Group: Can store multiple values.

Similar kind: An array of the type int should have all integers.

[100,200,300,400]
  0   1   2   3

How to create an array.

Declaring an array:

Syntax: type variable_name [];

E.g: int score [];

Allocating memory to array:

Syntax: variable_name = new type[size];

score = new int[10];

Accessing array elements

We want to store some information into an array.

E.g store number 100 at the first position in the array score.

score[0] = 100;