# OBJECTS

Objects are one of the fundamental data types in java script used to store an manipulate data.

Key value pairs :

Objects consist of key value pairs where each key is a staring and each value can be any data type.

Creation :

You can create an objection using the object literal syntax ‘{ }’ the objects( )’ constructor , or through class declarations .

Accessing properties :

you can access objects properties using dot notation (‘object. property’) or square bracket notation ( object [ ‘ property ‘] ).

Methods :

Functions within an objects are called methods . they are defined as value for objects properties and can be invoked using the objects .method( ) syntax

Adding / modifying properties :

You can add new properties or modify existing once dynamically .

Deleting properties :

The delete operator can be used to remove property from an object .

Object iteration :

‘for…in’ loop is often used to iterate over the properties of an object .

Object literal shorthand :

If the property name and variable name are the same , you can use shorthand notation while creating an object.

Object reference :

Objects in java Script are reference types , meaning when you assign an object to a variable , you are actually assigning a reference to the object . not a copy of the object.