1.write a brief introduction on available data types in javascript?

Data types basically specify what kind of data can be stored and manipulated within a program.

There are six basic data types in JavaScript String, Number, Boolean ,Object, Array, Function ,Undefined and Null.

The string data type is used to represent textual data

var a = 'Hi there!';

The number data type is used to represent positive or negative numbers with or without decimal place, or numbers written using exponential notation

var a = 25;

The Boolean data type can hold only two values: true or false.

The undefined data type can only have one value-the special value undefined. If a variable has been declared, but has not been assigned a value, has the value undefined.

This is another special data type that can have only one value-the null value. A null value means that there is no value. It is not equivalent to an empty string ("") or 0, it is simply nothing.

The object is a complex data type that allows you to store collections of data.

An array is a type of object used for storing multiple values in single variable. Each value (also called an element) in an array has a numeric position, known as its index, and it may contain data of any data type-numbers, strings, booleans, functions, objects, and even other arrays. The array index starts from 0, so that the first array element is arr[0] not arr[1].