Data types in JavaScript  
  
in java script there are eight basic datatypes they are as follows:

* Number
* String
* Boolean
* Null
* Undefined
* Symbol
* Objects
* Bigint

Javascript is a dynamically typed languge .dynamically tyeped language means it recognise the data type itself during the runtime and it does need a compilation for the file .during the run time itself compilenation have takes place

Number:

The number datatype represents the both the number and floating points .there are various arithmetic operation can be perfomed in it .the operations are:Add,Subract,Multiplication ,Division,Modules.

Bigint :

There is a limitation for number datatype it can able to store 16 digts as it limit .So we moving for bigint for long numbers.

A BigInt value is created by appending n to the end of an integer:

Let x=46375347563475347653473476n;

Srtings:

There are three types of quotes in js they are double quotes ,single quotes and baccktics.We can declare the string by using three of them we can able to declare a string the bacticks are use to declare a templete literals in js

Example templete literal:

Let name =”sasidharan”;

Let place =”Sankari”;

Console.log( `my name is ${name } iam from ${ salem}` );

Boolean :

The Boolean is a logic type value true or false .the 1 represents the true value and the 0 represents the false value .it can be the result of yes or no type of questions(Logical operations).

Null :

The null refers to no value or no object .the null Is used by the user purposefully .the null is used to represents the absence of value .

Note :typeof(null) -->is object it is a bug in js .

Undefined:

The value undefined says that there Is no value is assigned to the variable ,it is the default value stored in the variable when it is created .

Object:

The object is a special datatype because it all other are primitive datatype and it contains a single data.but the objects are use to store the multiple complex entities.

Symbol:

The symbol Is used to create a unique identifier for the objects

The promt Alert and confirm are used to display a popup on the screen the alert message shows the simple message the promt is used get a input from the user in the run time the confirm is used to check the logical value and it returns the true of false value .