

Syntax of executeQuery() method:-

```
public ResultSet executeQuery(String sql)  
throws SQLException
```

5) Close the Connection Object:-

By closing connection object statement
and Result Set will be closed
automatically. The close() method
of connection interface is used to
close the connection.

Syntax of close() method.

```
public void close()  
throws SQLException
```

It avoids explicit connection
closing step.

3) Create the Statement Object:-

The `CreateStatement()` method of connection interface is used to create statement.

The object of Statement is responsible to execute queries with the database.

Syntax of `CreateStatement()` method.

```
public Statement CreateStatement()  
throws SQL Exception.
```

4) Execute the Query.

The `ExecuteQuery()` method of Statement interface is used to execute query to the database.

This method returns the object of Result Set that can be used to get all the records of a table.

- 1) `public static void forName(String class_name)`
`throws ClassNotFoundException.`
- 2) Create the Connection Object:-

The `getconnection()` method of Driver Manager class is used to establish connection with the database.

Syntax of `getconnection()` method -

`public static Connection getconnection(`
`(String url)`

`throws SQLException`

`public static Connection getconnection(String`
`url, String name, String password)`

`throws SQLException.`

Since JDBC is a standard specification, one Java program that uses the JDBC API can connect to any database management system (DBMS) as long as a driver exists for that particular DBMS.

There are five (5th) steps used in JDBC.

Register the Driver class.

The `farName()` method of class is used to register the driver class. This method is used to dynamically load the driver class.

Syntax of `farName()` method:-

Define the Concept of JDBC in Java
and explain all steps used in
JDBC

JDBC - Java database connectivity (JDBC) is the JavaSoft specification at a standard application programming interface (API) that allows Java programs to access database management system.

The JDBC API consists of a set of interfaces and classes written in the java programming language.

Using these standard interfaces and classes, programmers can write applications that connect to database, send queries written in Structured query language (SQL), and process the results.

Example:-

// declaring a function named greet.

function greet()

{

 console.log("Hello World");

Q2 What do you mean by function in JavaScript with suitable example.

Answer - JavaScript provides functions similar to most of the scripting and programming languages.

In JavaScript, a function allows you to define a block of code, give it a name and then execute it as many times as you want.

A function is declared using the function keyword.

The basic rule of naming a function are similar to naming a variable. It is better to write a descriptive name for your function.

The body of function is written within {}.

Q2

Form Object: Everything enclosed in
the

<form>.....</form> tags
sets the form object.

Ans

Form Control Elements: The form
Object contains
all the elements defined for the
object such as text field, buttons,
radio buttons and checkboxes.

The way a document content is accessed and modified called the Document Object Model or Dom.

The Objects are organized in a hierarchy.

This hierarchical structure applies to the organization of object in a web document.

Window Objects:- Top of the hierarchy
It is the Outmost element of the object hierarchy.

Document Object- Each HTML document that gets loaded into a window becomes a document object.

The document contains the content of the page.

Assignment - 2

PAGE NO.:

DATE: / /

Q-1 What do you mean by java script?
Define the concept of document.

Answer- JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay, not everything, but it is amazing what you can achieve with a few lines of javascript code).

Concept of document:- A document object represent the HTML document that is displayed in that window.

The document object has various properties that refer to other objects which allows access to and modification of document content.