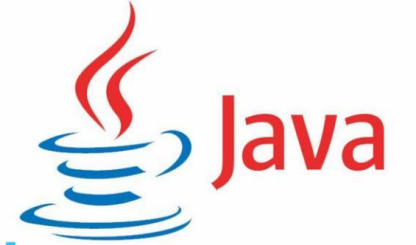


# TOPS

## Technologies



**TRAINING - OUTSOURCING - PLACEMENT - Study Abroad**

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**MAKE YOUR CAREER AS JAVA PROFESSIONAL...**

# Content

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- CORE PROGRAMMING
- OOPS
- PROGRAMMING LANGUAGES
- SDLC
- IMPORTANCE OF DEVELOPER AND DESIGNER
- WEB-APPLICATION
- DBMS
- FRAMEWORKS
- MOBILE APPLICATION

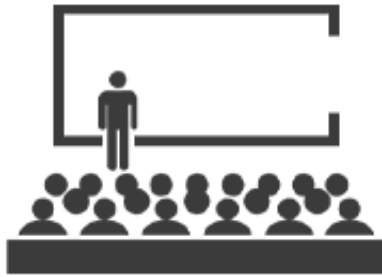
# About TOPS Technologies

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- Dynamic, rapidly growing, IT Software Development Company
- Develop outsourcing projects in Microsoft, SUN, Open Source and Digital Marketing
- Provides **Training & Placements** in .NET, PHP, Software Testing, Digital Marketing, Java and Spring , IOS , Android , web and Graphics Designing , Networking
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**18<sup>+</sup> Courses  
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**Job Guarantee +  
Job Satisfaction**



**2000<sup>+</sup> Company Tie Ups  
For Placements**

# Outsourcing

**We Are Versatile**  
*Our Developers Work On Varied Technology Platforms And Frameworks*

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Joomla	WordPress	Drupal	Magento	PHP
				
Windows	HTML 5	Microsoft .Net	iOS	Android

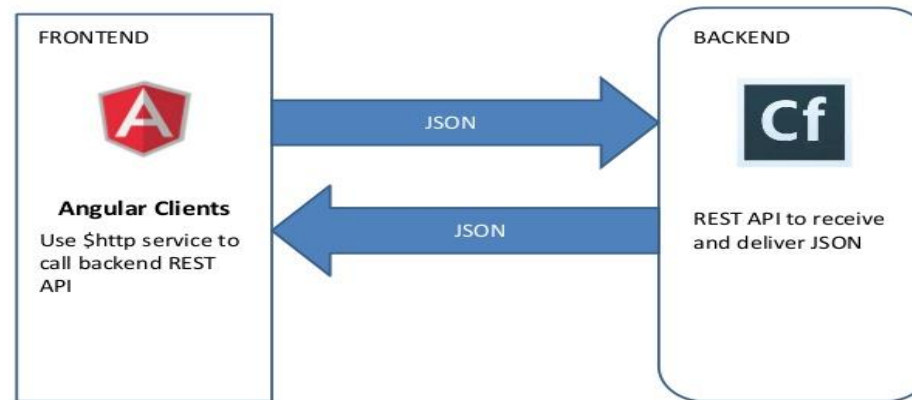
A word cloud of programming languages and technologies. The most prominent word is **Java** in large green font. Other large words include **JavaScript**, **Python**, **Objective-C**, **Ruby**, **PHP**, **Pascal**, **Haskell**, **C++**, **Perl**, **Fortran**, **Swift**, **Go**, **Scala**, **Erlang**, **ABAP**, **Visual Basic**, **Transact-SQL**, **Clarion**, **FoxPro**, **Logo**, **Prolog**, **ColdFusion**, **Forth**, **PL/SQL**, **Ada**, **Lua**, **Yacc**, **TCL**, **PL/I**, **Delphi**, **Mathematica**, **Lisp**, **Groovy**, **Tcl**, **SAS**, **CT**, **Max/MSP**, **Dart**, **Assembly**, **Scratch**, **OpenEdge**, **AB**, **ML**, **F#**, **D**, **C#**, **ABAP**, **Visual Basic**, **Transact-SQL**, **Clarion**, **FoxPro**, **Logo**, **Prolog**, **ColdFusion**, **Forth**, **PL/SQL**, **Ada**, **Lua**, **Yacc**, **TCL**, **PL/I**, **Delphi**, **Mathematica**, **Lisp**, **Groovy**, **Tcl**, **SAS**, **CT**, **Max/MSP**, **Dart**, **Assembly**, **Scratch**, **OpenEdge**, **AB**, **ML**, **F#**, **D**, **C#**.

# Web Application Development

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- In today's world every industry has its own web application, through which they are handling and managing the business.
- The Web application development can be any programming like – php , java , dotnet etc .
- For the database backend there are many databases available like-sqlserver,oracle,mysql, etc.

## Client-side and Server-side



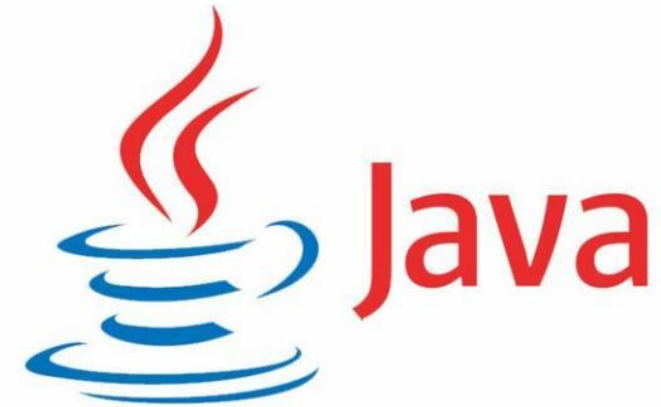
# Java

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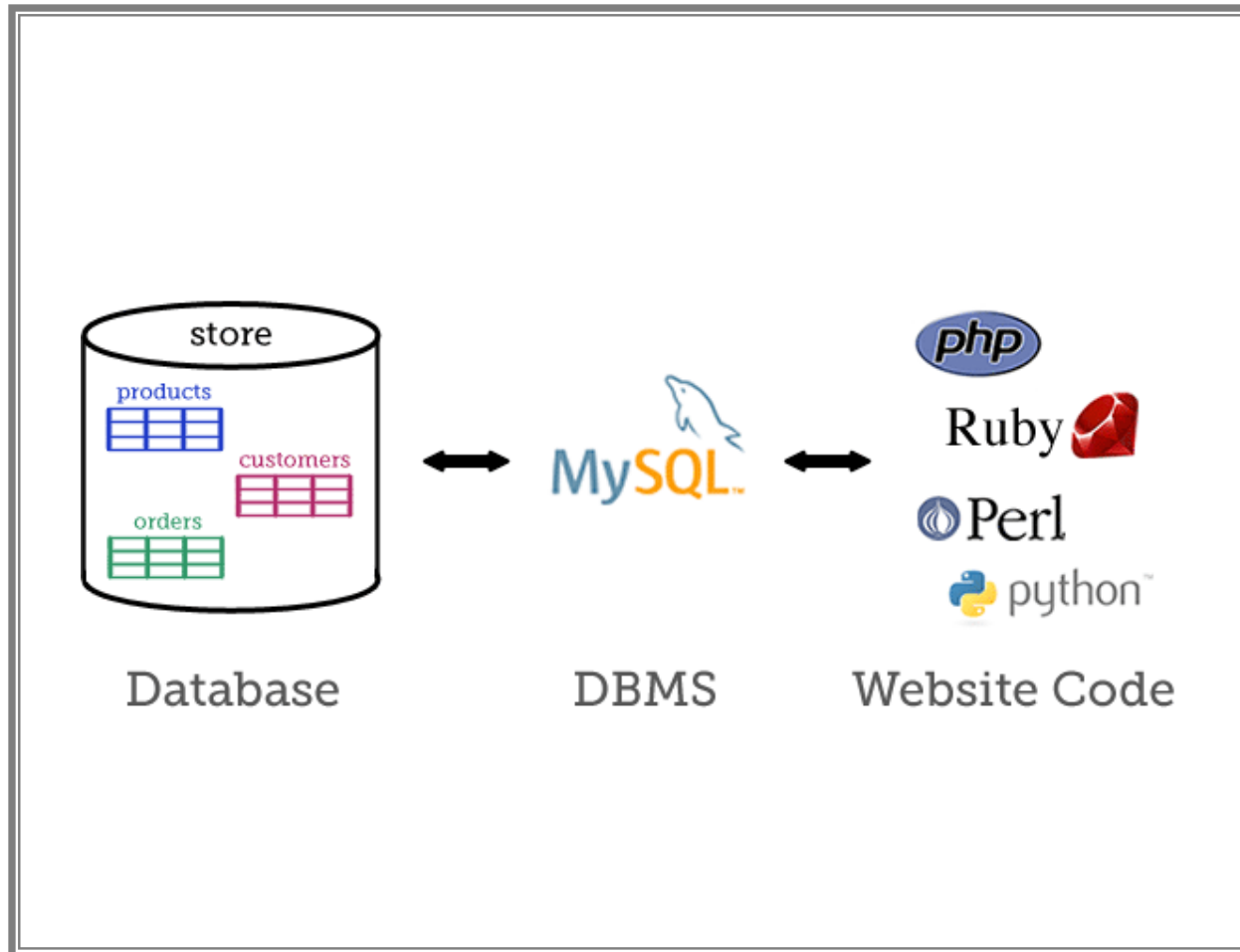
**JSE**

**JEE**

**JME**







## APPLICATION AND DATABASE

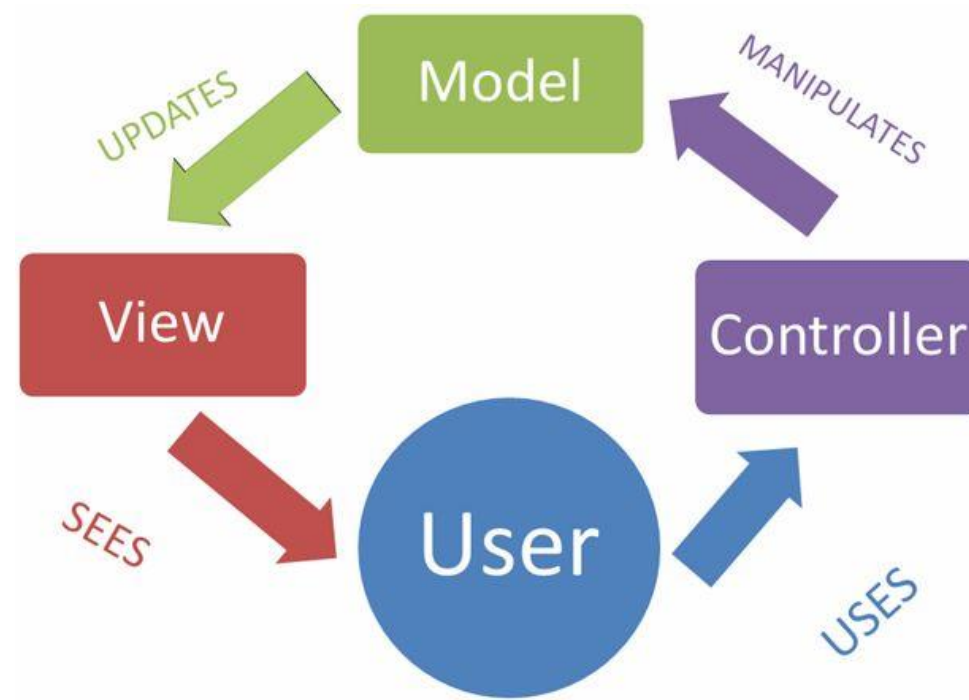
A  
D  
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JAVA  
N  
C  
E

SERVLET

JSP

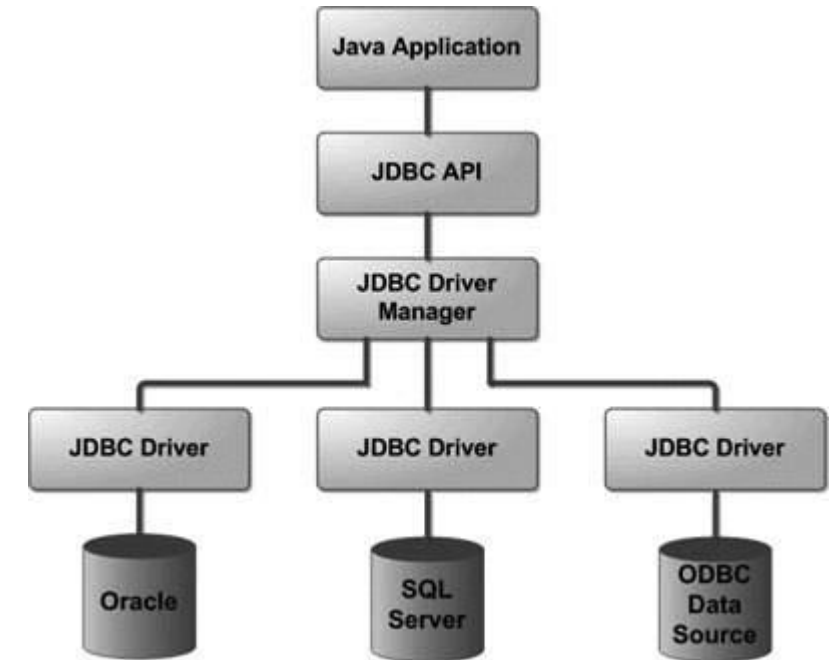
JDBC

# MVC



# What is JDBC

- Java Database Connectivity.
- JDBC is JAVA API that enable to JAVA program to execute SQL Statement.



# Connectivity Steps

---

- **Loading Driver**

- `Class.forName("com.mysql.jdbc.Driver");`

- **Establishing Connection**

- `Connection con=DriverManager.getConnection  
("url/databaseName","uname",pword);`

- **Create Statements**

- `Statement stmt=con.createStatement();`

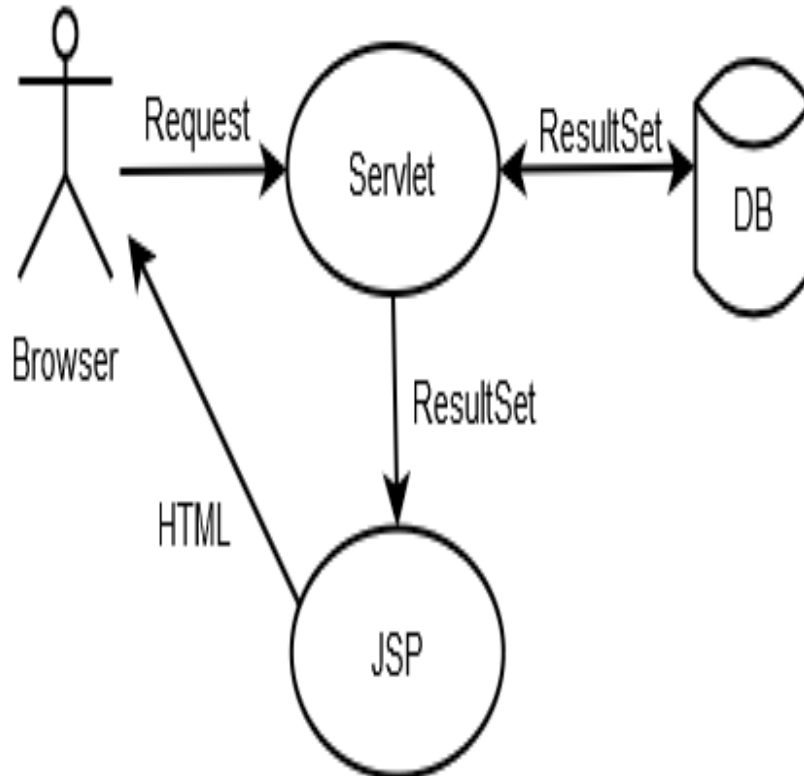
- **Execute Query**

- `Int i=stmt.executeUpdate(); (if any Updation)`  
`ResultSet rs=executeQuery();`

- **Close Database Connection**

- `Con.close();`

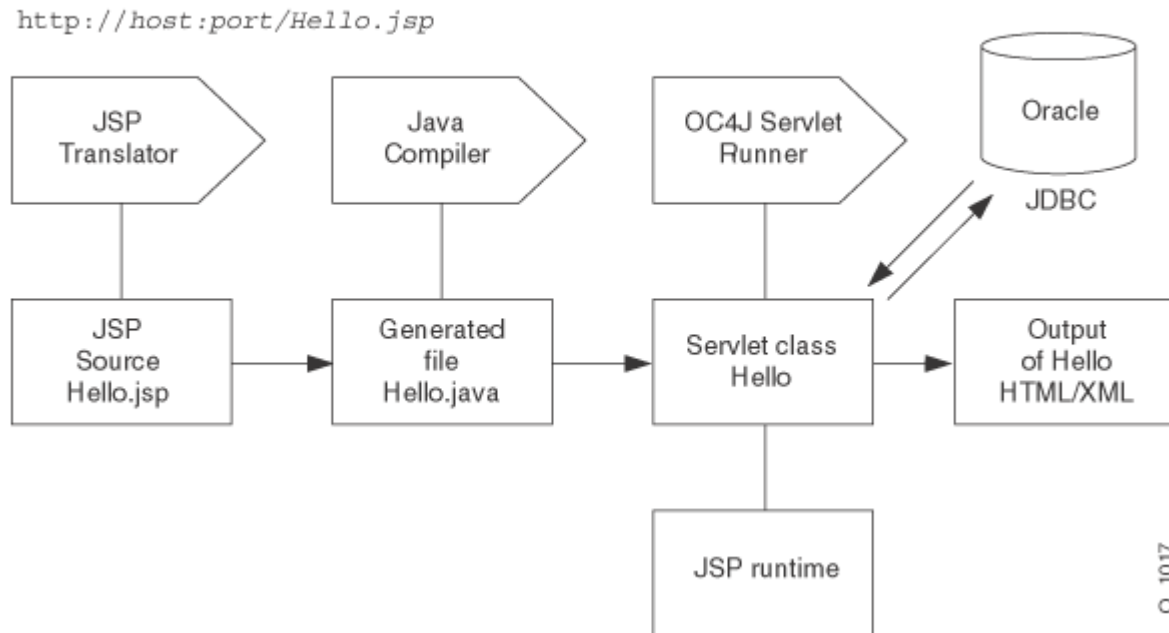
# Servlet



- Servlets provide a component-
- based, platform-independent
- method for building web-based Application.

# JSP

How is a JSP Served?



- Java Server Pages.
- JSP is Server side Technologies that helps Software Developers create dynamic Generated Web documents Types.
- Pages based on the HTML,XML and other documents Types.
- Released in 1999 by Sun - Microsystems.

# JSP Scripting Elements

---

- **JSP Declaration Tag**

- Using Jsp Declaration you can declare methods as well as Variables.
- Syntax: `<%!        %>`
- Example: `<%! Int a=10;String a="TOPS"%>`

- **JSP Scriptlet Tag**

- A JSP Scriptlet lets you declare or define any JAVA code that use into Jsp page.
- Syntax: `<%        %>`
- Example: `<% for(int i=0;i<10;i++){...}%>`

- **JSP Expression Tag**

- A JSP Expression is used to insert any Java values directly into the output.
- Syntax: `<% =        %>`
- Example: `<% =new java.util.Date();%>`



# Frameworks

---



EJB 3



JDBC



JUnit

Struts<sup>2</sup>



maven

{JSON}

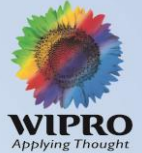


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  - a. Tie ups with colleges and universities across countries
- 2) Help get better scores with IELTS/PTE/GMAT/GRE
- 3) One stop solution for learning all IT courses as well as getting ready for Overseas
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Call: +91 99748 63333

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## Vadodara

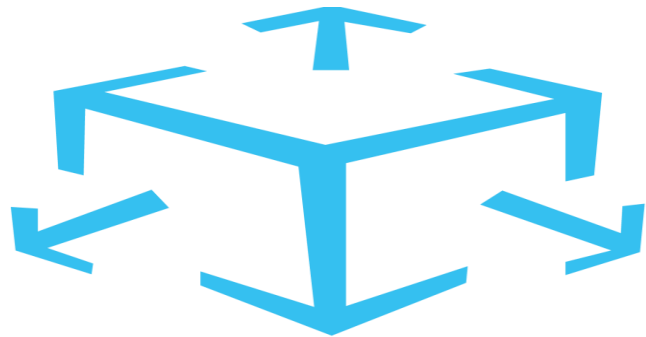
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Call: +91 97253 55009



# Queries ??

## Thank You 😊



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**Technologies**

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