

A Training Report of Learn Java Website

Submitted to the Maharaja Surajmal Brij University, Bharatpur
In Partial fulfillment of the requirement for the degree of

Bachelor of computer application

Maharaja Surajmal Brij University, Bharatpur



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Submitted by

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S.R. no-

Under the Guidance of:

Mr. Praveen Goswami

PREFACE

This project “**LEARN JAVA WEBSITE**” provides us a simple interface for maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.

Throughout the project the focus has been on presenting information in an easy and Intelligible manner. The project is very useful for those who want to know about Student Information Management Systems and want to develop software’s/websites Based on the same concept.

The project provides facilities like online registration and profile creation of students thus reducing paperwork and automating the record generation process in an educational institution.

Acknowledgements

I would like to express my sincere gratitude to my project guide “Mr. Praveen Goswami” for giving me this opportunity to work on the topic. It would never be possible for us to take this project to this level without his innovative ideas and his relentless support and encouragement.

Industrial training is the phase of the activity during my study in which I am expected to expand my creative thinking ability and to get the training of how to work in the industry and how all works are undertaken in the industry. It was a great pleasure working on analysis of stock management system.

The presentation of this report gives me a feeling of fulfillment. As the final frontier towards achieving a master of business administration degree, the activity of going through industrial orientation has bridged the gap between the academic and practical real life work for me. It has prepared me to apply myself better to become good manager. Normally, it requires a lot of people support to complete this opportunity to acknowledgement their support for me.

First of all, I am thankful to **Mr. Praveen Goswami**, Poddar College of technology & Management.

I have been able to prepare my report successfully and I acknowledge a special thank to all those people without whose support It was impossible for me to make the project report.

Yash Kumar Sharma

DECLARATION

Poddar College

Of Technology & Management

(Bharatpur)

(2018-2020)

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project titled

“Learn Java Website”

is a bonafied work carried out by following information

Technology student:

Yash Kumar Sharma

Under our guidance towards the partial fulfillment of the Requirements
for the degree of the Bachelor of Computer Application, Maharaja
Surajmal Brij University during the academic year of 2018-2020.

GUIDE

(Mr. Praveen Goswami)

Learn Java Website

Contents

Chapter 1 INTRODUCTION.....	8
• About Project.....	8
• Scope of work.....	10
• Operating Environment.....	11
Chapter 2 PROPOSED SYSTEMS.....	12
• Objective project.....	13
• User Requirement.....	15
Chapter 3 ANALYSIS & DESIGN.....	17
▪ Introduction to SDLC.....	17
▪ SDLC Model.....	17
▪ Waterfall Model.....	18
▪ Data Flow Diagram (DFD.....)	20
▪ Home Page.....	21
▪ INTRODUCTION.....	22
▪ OBJECTIVES OF TESTING.....	22
▪ Use Cases.....	25
Chapter 4 USER MANUAL.....	27
• Documentation.....	28
• Security Aspects.....	29
• Screenshot.....	30
▪ Home page.....	30
▪ About Us.....	31
▪ Testimonial.....	32

▪ Blog.....	33
▪ Contact.....	34
▪ My Account.....	35
• Getting Stared.....	36
• Setting up a local server.....	36
• Setting up an Code Editor.....	46
Chapter 5 CODING AND DATA BASE.....	47
• Home Page.....	47
• About Page.....	49
• Testimonial.....	53
• Blog.....	55
• Contact.....	56
• My Account.....	57
• Login.....	59
• Logout.....	60
• Home.....	61
• Some Learning Pages.....	62
• DATABASE.....	67
Chapter 6 CONCLUSION.....	68
Chapter 7 Proposed Enhancement.....	69
Bibliography.....	70

CHAPTER 1: INTRODUCTION

INTRODUCTION TO PROJECT

About project:

“Learn Java Website” is an online educational website developed to teach students a programming language named as Java.

Java is among the most popular programming languages out there, mainly because of how versatile and compatible it is. Java can be used for a large number of things, including software development, mobile Websites, and large systems development. As of 2019, 88% market share of all smart phones run on Android, the mobile operating system written in Java. Knowing Java opens a great deal of doors for you as a developer.

Modules:

- Home
- About Us
- Testimonial
- Blog
- Contact
- My Account

About the Website:-

Learn Java Website is an online Educational website that used for guiding students about their career. Our Aim is to make our learners good in Java Programming Language. Java is pure Object Oriented Language which has the complete features of the Object Oriented Programming (OOPS). Our Website gave the knowledge of Java Programming.

Benefits

1. Java is an object oriented programming language so you will get a basic idea of how an OOP works.
2. Java is used for developing Websitelets a great standard feature (An **Websitelet** is a small Internet-based program written in **Java**, a programming language for the Web, which can be downloaded by any computer. The **Websitelet** is also able to run in HTML. The **Websitelet** is usually embedded in an HTML page on a Web site and can be executed from within a browser.)
3. Concept of pointers are invalid in JAVA as the programmer or user is denied direct interaction with the memory address as is possible in C and C++.
4. Java is platform-independent.
5. Java is free, simple, object-oriented, distributed, supports multithreading and offers multimedia and network support.
6. Unlike C and C++, Java programs are compiled independent of platform in *byte code* language which allows the same program to run on any machine that has a JVM installed.

Purpose:-

The purpose of making this website to give you the knowledge of programming and coding and I hope I would get success. Our Aim is to make our learners good in Java Programming Language. Java is pure Object Oriented Language which has the complete features of the Object Oriented Programming (OOPS). Java is a language and a computing platform for Website development.

1.2 Existing System and Need for System

- **Learn Java Website** is a PHP based website which has a major use of CSS and HTML also.
- It would offer the students to learn Java Programming without cost.
- It is a non-profit website, which offers students a free of cost learning.
- Coding of that website is done using basic notepad editor.
- No more special software is used in that Website.
- MySQL database is used in developing forms of that website.

1.3 Scope of Work

Scope of this software project is to create an educational website which can offer free of cost learning Java Programming and increasing the knowledge of the youth. As internet is getting popular, this website provides online education which can be accessed from anywhere, anytime.

- This project intends to introduce more user friendliness in the various activities such as record maintenance and searching.
- The searching of record has been made quite simple as all the details of the Java can be obtained by simply keying in few keywords.
- Administrators of website can create reports about the knowledge of logged in users corrective action's based on results.

Benefits

Java Web Website: -----

The aim of this article is to provide basic details of different components in Web Website and how can we use Servlet and JSP to create our first java web Website.

- 1. Web Server and Client
- 2. HTML and HTTP
- 3. Understanding URL
- 4. Why we need Servlet and JSPs?
- 5. First Web Website with Servlet and JSP
- 6. Web Container
- 7. Web Website Directory Structure
- 8. Deployment Descriptor

1.4 Operating Environment – Hardware and Software

This project is a dynamic Website and can be accessed from any hardware or software platform which supports a mobile device also and can be accessed through internet. Website can be hosted on a server and can be accessed by multiple users from different device at the same time.

Learn Java Website is Easy to use and friendly.

Hardware and Software Requirement Specifications:-

Android Version use:

Minimum:- Windows-7,8,8.1 or 10

Store:

Internet (Google Search Engine)

Software:

Programming Language: CSS, PHP

Tools: Notepad Editor

Mark-up-Language: JavaScript, HTML

Database: MySQL

Language Version: PHP 53

Website name: Learn Java Website

Chapter 2. PROPOSED SYSTEM

2.1: Proposed System

Online Users: - Online users can browse website and learn Java Programming Language. Online website provides user's detailed information about Java for example types of java, benefits of java, Object-Oriented Features of java, limitations of java etc. User can browse that website through their chrome browser and access it by searching the url of the website.

Online users can perform following functions:

1. Browse website based on their web browser.
2. Search for Java Programming Learning.
3. Easy sign in option and register option.
4. Learn different types of topics in java programming language.

Administrative User can perform following functions: -

1. Manage registered users or Perform User management.
2. Managing database of the website.
3. Modify the content of the website.
4. Provide new content for the learners of the website.

2.2: Objective project

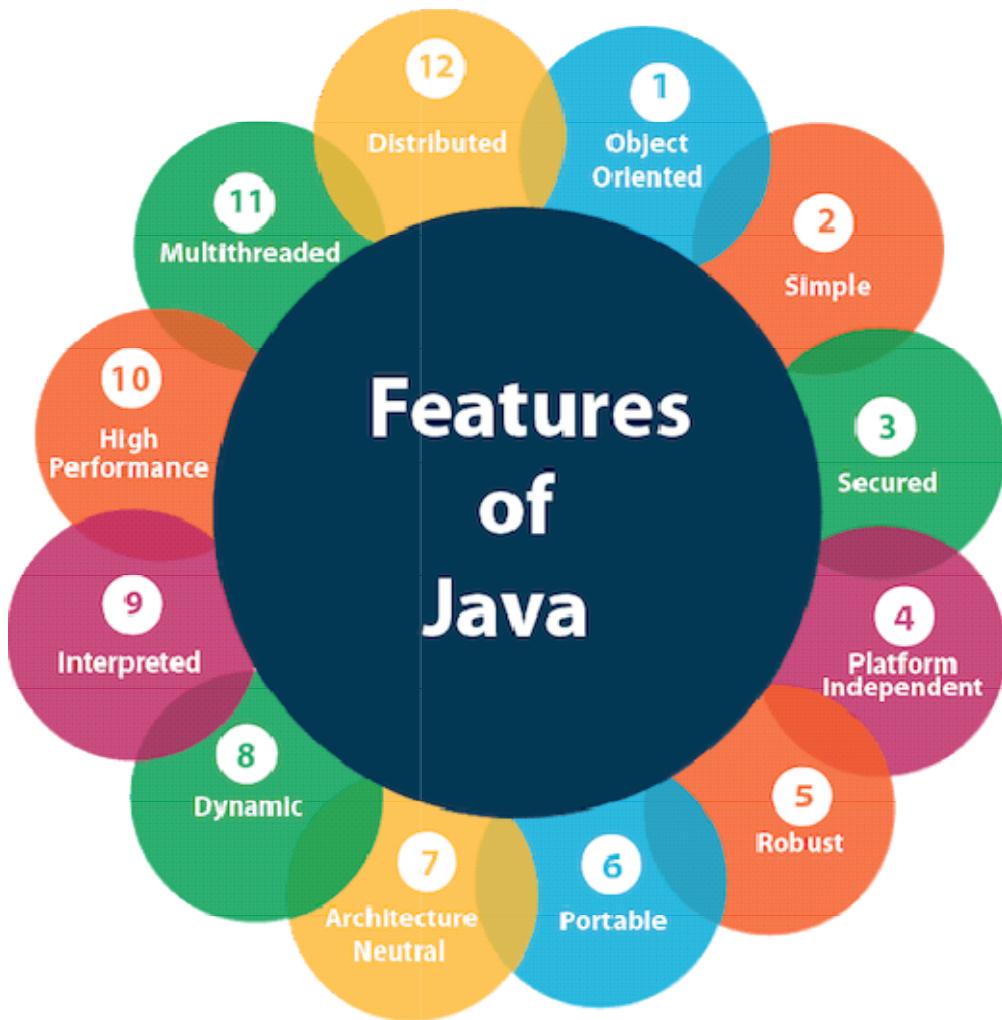
Objective of this software project is to create a website which can provide knowledge of Java programming language online. As internet is getting popular, this website provides online education which can be accessed from anywhere, anytime.

- This project intends to introduce more user friendliness in the various activities such as record maintenance and searching.
- The searching of record has been made quite simple as all the details of Java Programming can be obtained by simply keying in few keywords.
- Administrators of website can create reports to see performance of the website and take corrective action's based on results.

Other features includes: -

The primary objective of Java programming language creation was to make it portable, simple and secure programming language. Apart from this, there are also some excellent features which play an important role in the popularity of this language. The features of Java are also known as java *buzzwords*.

A list of most important features of Java language is given below.



1. Simple
2. Object-Oriented
3. Portable
4. Platform independent
5. Secured
6. Robust
7. Architecture neutral
8. Interpreted
9. High Performance
10. Multithreaded
11. Distributed
12. Dynamic

Benefits

I have designed the given proposed website using PHP Programming language which enables internet users to access Java Programming online anywhere, anytime. Users can search different kind of topics, provide their own ratings, comments. They can register and signed in the website.

Efficiency: The basic need of this website is efficiency. The website should be efficient and up-to-date. Administrative control panel provides admin user's ability to add and update topics of java and also current programming facts easy and efficient manner.

Control: The complete control of the project is under the hands of authorized person who has the password to access this project and illegal access is not supposed to deal with. All the control is under the administrator and the other members have the rights to just see the records not to change any transaction or entry.

Security: Security is the main criteria for the proposed website. Since illegal access may corrupt the database. So security has to be given in this project.

2.3: User Requirements

Requirements

About the Learn Java Website

Online Learn Java Website takes advantage of several advanced Internet and browser technologies to create the best possible user experience. To help you utilize the site to its fullest potential, we've compiled this list of third-party tools and some information about your settings.

Browser Recommendations

While the Online Learn Java Website is fully functional on all 4th-generation and it performs best with

Google chrome or Internet Explorer, Safari on a Mac, or Firefox on either platform.

Compression Utilities (Stuff it and WinZip)

Large files on the Online Learn Java Website are for fast easy delivery. Files packaged for PC users, and files packaged for Mac users are compressed using Stuffit. Users can directly download Website content files which are provided by the administrator of the website.

CHAPTER 3: ANALYSIS & DESIGN

3. Introduction to SDLC

System Development, a process consisting of two major steps of System Analysis and design, starts when Management or sometimes systems development personnel realize that a particular business system needs improvement.

The Systems Development Life Cycle (SDLC) method is thought of as the set of activities that analysts, designers and users carry out to develop and implement an information system. The Systems Development Life Cycle method consists of the following activities: -

1. Preliminary investigation, which comprises of Feasibility Study.
2. Determination of System Requirements.
3. System Design.
4. System Testing.
5. Implementation.

2.2. SDLC Models

The following 4 Software Development Life Cycle (SDLC) is used:

- Prototyping Model
- Waterfall Model
- Incremental Model
- Evolutionary Model

2.3. Our Project Need

According to our project requirements, we are going to use the **Waterfall Model** to develop our Website.

Through this model we would be able to produce well-documented maintainable Website in a manner that is very predictable and easy to understand.

We are using this model because it reinforces the notion of “**Define before Design**” and “**Design before Code**” making it systematic Website roach.

2.4. Waterfall Model

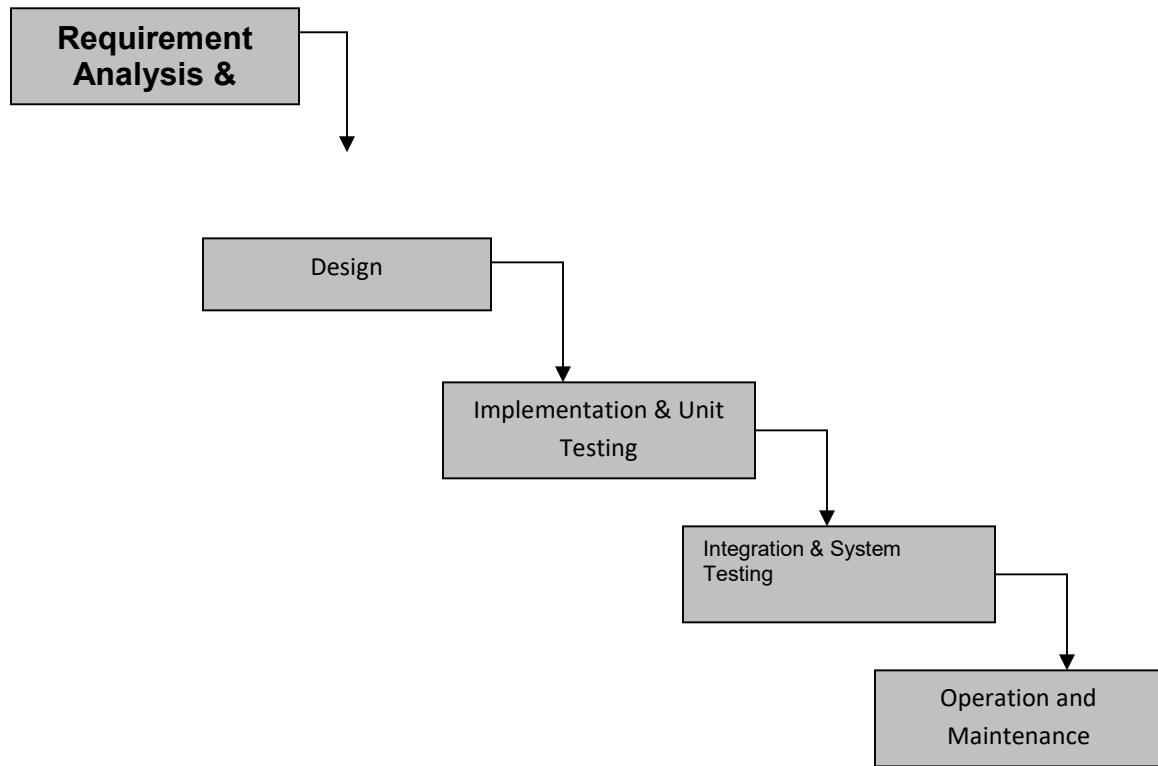
This is the most familiar model and consists of five phases given below –

- Requirement Analysis and Specification
- Design
- Implementation and Unit Testing
- Operation and Maintenance

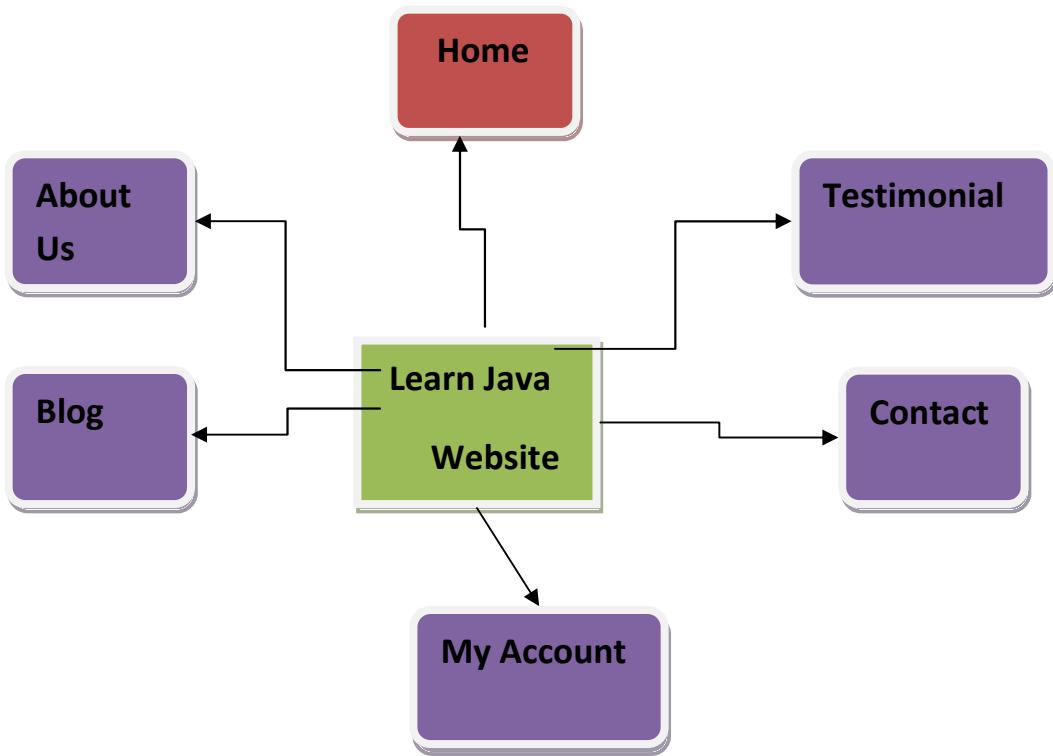
The phases always occur in this order and sequence. They must not overlap with one another. The developer must complete each phase before starting with the next one.

It is called Waterfall model because its diagrammatic representation is similar to cascades of waterfall.

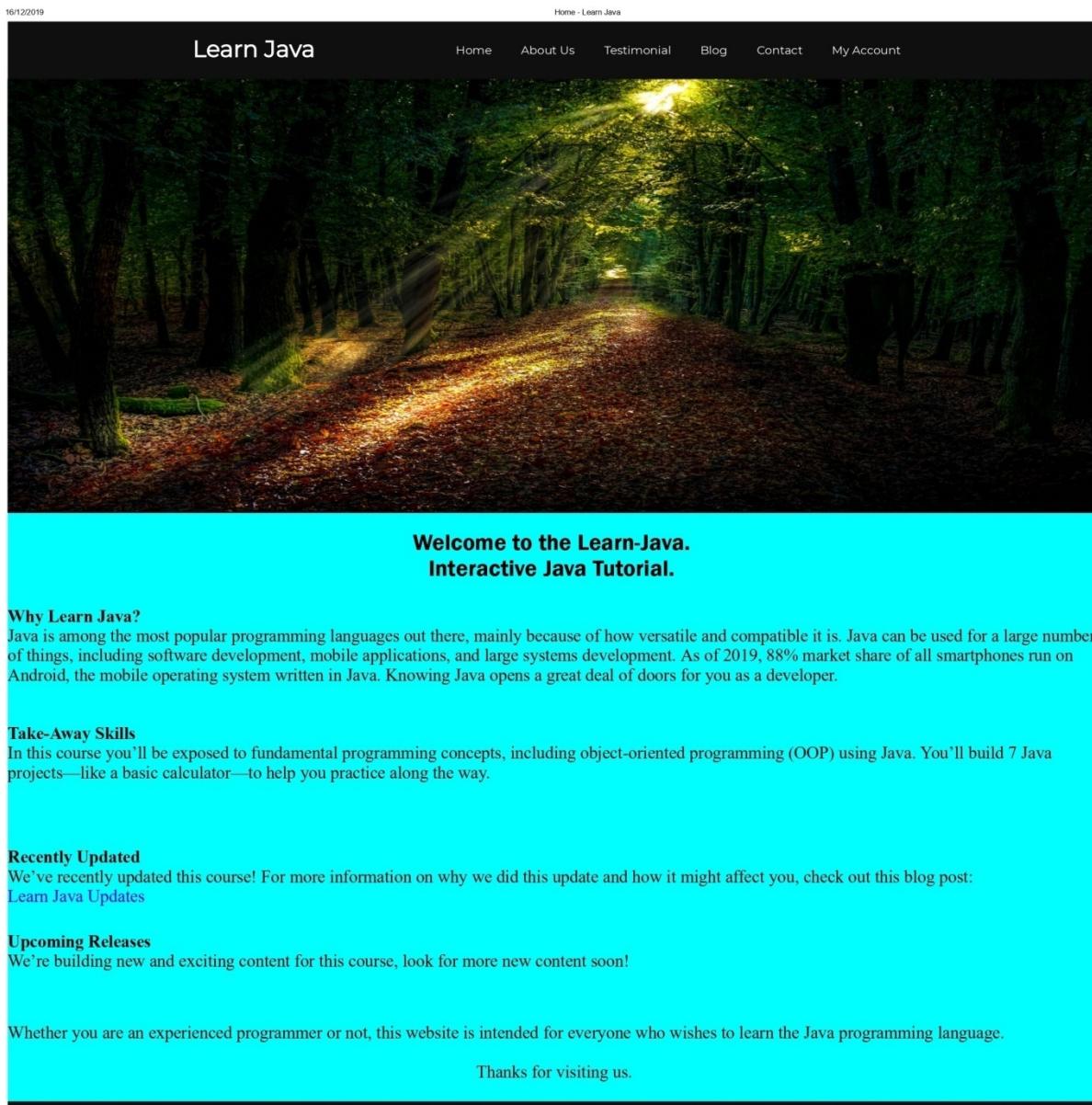
WATERFALL MODEL



3.1 Data Flow Diagram (DFD)



3.7 Home Page Diagram



3.1 INTRODUCTION

In a Website development project, error may get introduced at any stage during the development. Testing is the phase where the errors remaining from the earlier phases also may be detected. Hence, testing performs a very critical role for quality assurance and for ensuring the reliability of Website.

During testing, the program to be tested is executed with set of test cases, and the output of the program for the test cases is evaluated to determine if the program is performing as it is expected to.

Due to its approach, dynamic testing can only assert the presence of error in the program, the exact nature of the error is not usually decided by testing. The results of testing are used later on during maintenance also. One of our goals during dynamic testing is to produce a test suite, which contains a set of interesting test cases along with their expected output for future use.

3.2 OBJECTIVES OF TESTING

Testing is vital to the success of any system. Testing is done at different stages within the development phase. System testing makes a logical assumption that if all parts of the system are correct, the goals will be achieved successfully. Inadequate testing or no testing at all leads to errors that may come up after a long time when correction would be extremely difficult. Another objective of testing is its utility as a user-oriented vehicle before implementation.

The testing of the system was done on both artificial and live data.

3.3 TYPES OF TESTING: The following type of tests is performed:

3.3.1 UNIT TESTING

Unit testing focuses verification effort on smallest unit of software design - the module. This is

done to check syntax and logical errors in programs. At the time of preparation of technical specifications, unit test data was also prepared. The coding for that program was considered complete after verifying its output against this test data.

The software has been tested with real type data to find it works as intended.

3.3.2 INTEGRATION TESTING

The next level of testing is often called integration testing. In this, many tested modules are combined into sub-system, which is then tested. The goal here is to see if the modules can be integrated properly, the emphasis being on testing interfaces between modules.

There may be question: If they all work individually, why it is doubtful that they will work when they put together?

The problem is "putting them together" - interfacing. Data can be lost across an interface, one module can have an inadvertent, adverse affect on another, sub functions, when combined, may not produce the desired major function, individually acceptable imprecision may be magnified to unacceptable levels, global data structures can present problems, the list goes on and on.

3.3.3 SYSTEM TESTING

Here the entire software system is tested. The reference for this process is the requirements document, and the goal is to see if the software meets its requirements.

System testing consists of the following steps:

- (1) Program Testing
- (2) String Testing
- (3) System Testing
- (4) System Documentation
- (5) User Acceptance Testing

3.3.4 ACCEPTANCE TESTING

It is performed with realistic data of the client demonstrate that the software is working satisfactorily. According to organization's policy, testing action is not the part of software development team. Testing team does it. Testing team prepares test cases for the software.

3.4 VARIOUS LEVELS OF TESTING

Before implementation the system is tested at two levels:

Level I and Level II.

3.4.1. LEVEL I TESTING (ALPHA TESTING)

At this level a test data is prepared for testing. Project leaders test the system on this test data keeping the following points into consideration:

- Proper error handling
- Exit Points in code
- Exception handling
- Input / Output format
- Glass box testing
- Black box testing

If the system is through with testing phase at LEVEL I then it is passed on to LEVEL II.

3.4.2 LEVEL II TESTING (BETA TESTING)

Here the testing is done on the live database. If errors are detected then it is sent back to LEVEL I for modification otherwise it is passed on to LEVEL III.

This is the level at which the system actually becomes live and implemented for the use of END USERS.

3.4.3 LEVEL III TESTING

Here the error-free and properly tested system is implemented.

3.5 USE CASES:

Use case id: 01

Name of use case: LOGIN

a) Description: enters the user name and password through this use case.

b) Preconditions: user must be started.

c) Post condition: user has logged in and creates their own account in the website.

d) Main success scenario:

1. Start the Website.

2. User enter login Email id and Password.

e) Alternate flow: nil.

f) Trigger: by user.

g) Exception: user authentication fails if user name and password are

Wrong.

Use case id: 02

Name of use case: Basic Record

a) Description: Authorized person can create their own playlists.

b) Preconditions: Authorized person has to logged in .

c) Post condition: Authorized Person filled the basic information required.

d) Main success scenario:

1. The person filling information create playlists.

2 Any field should not be leave blank.

e) Alternate flow: nil.

f) Trigger: by user.

g) Exception: nil.

Use case id: 03

Name of use case: Control Panel

a) Description: Administrator can update number of songs.

b) Preconditions: Administrator needs not to be logged in.

c) Post condition: Administrator has updated the topics of Java Programming Language.

d) Main success scenario:

1. Administrator should save the updated information about the topics of Java Programming.

. **e) Alternate flow:** nil.

f) Trigger: by administrator.

g) Exception: nil

CHAPTER 4: USER MANUAL

4.1 User Manual

In this project we have basically 6 types of modules.

General Modules:

- **Home page:** The homepage works as the site map for the whole project.
- **About Us:** It contains the information about the website.
- **Testimonial:** It contains the information about the feedback of the previous users of the website.
- **Blog:** This page is used to your order for foods.
- **Contact:** The function allows user to reservation your seat.
- **My Account:** This section allows us to register and signed in.

4.2 Operations Manual / Menu Explanation

Database Design:

In the database design we use the MySQL server for the backend. In this project we use table to handle the conversation or transaction b/w seeker, provider, administrator from database.

Each entity has its own table.

The attributes of entity have become the columns of table. Tables have some relationship with each other

DOCUMENTATION

Documentation is the process of collecting, organizing, storing and otherwise marinating on paper(some relatively permanent medium)a complete record of why Website are developed, for whom, what functions are performed , and how these functions are carried out. Producing documentation is an important but often neglected activity of programmers. Documentation of the system always reduces maintenance costs and makes maintenance easier.

User/ Operational Manual including security aspects, access rights, backup:

“The Learn Java Website” is a Website designed particularly for the particular user’s choice. The motive of this Website is to provide the knowledge to the user according to their choice.

This Website can be browsed by anyone throughout the world online.

The users of this Website, these are:

❖ Internet User

- The administrator module can be accessed only by the administrator and not by the general users for security purpose to access this module.
- Changes in database like addition of new values only the administrator can do updating of existing values.

- General users can only view the stored information and can give their feedbacks about the site.

Security Aspects:

One might think that is a little reason to be concerned about security. Many people view computer and network security in negative light, thinking of it in terms of restricting access of services. One major view of network security is that which is not expressly permitted is denied although this is a good way of thinking about how to connect other organization to the internet.

There are basically two types of security associated with the system:

❖ Data security:

There are basically two problem associated with data security:

1. Data not being available to the unauthorized person at the time of need.
2. Data becoming available to authorized person.

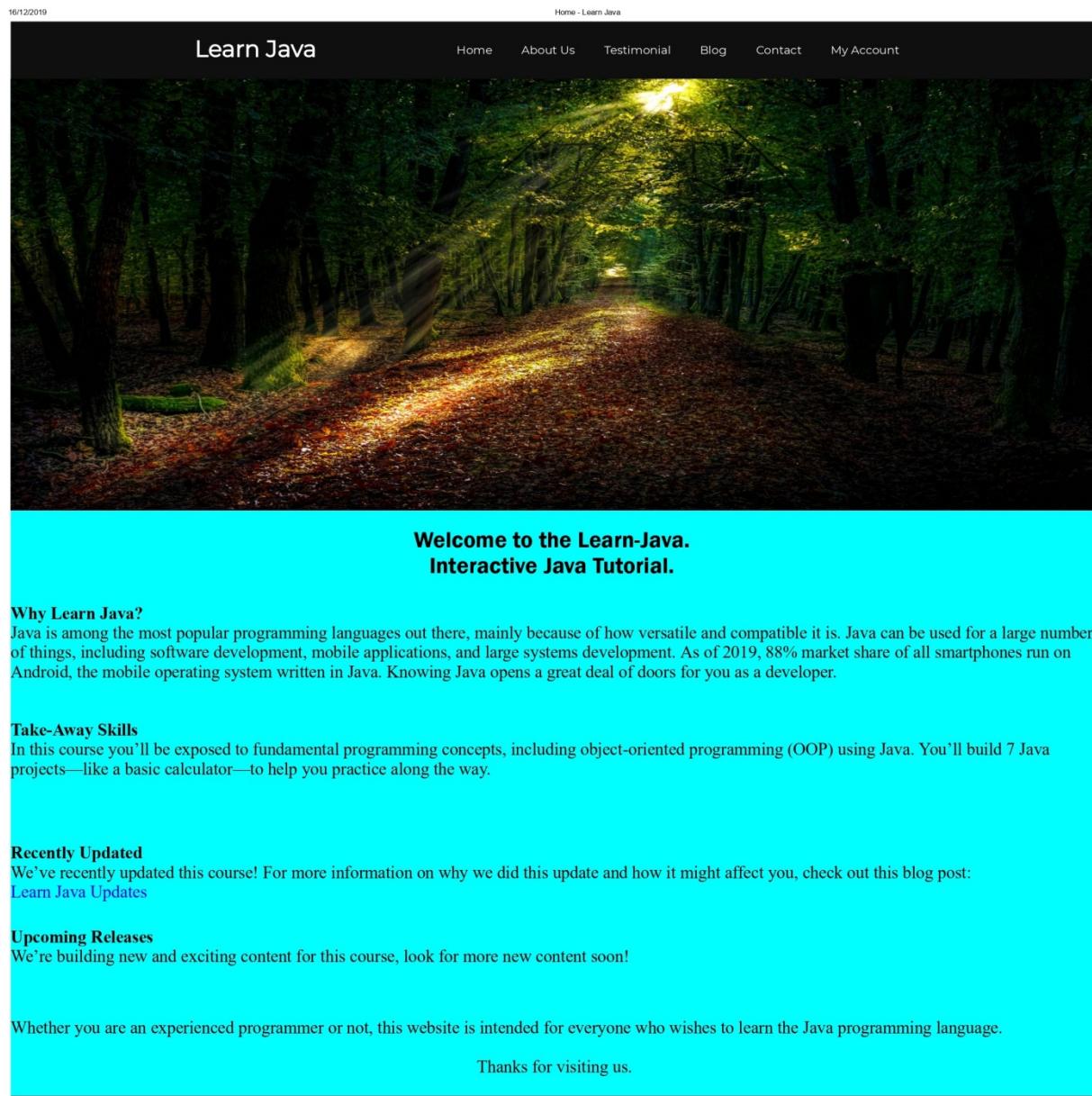
To overcome these difficulties the following access facilities has been provided.

1. **Identification:** Database only managed by administrator.
.
2. **Authorization:** The access control mechanism to prevent unauthorized logging to the system.

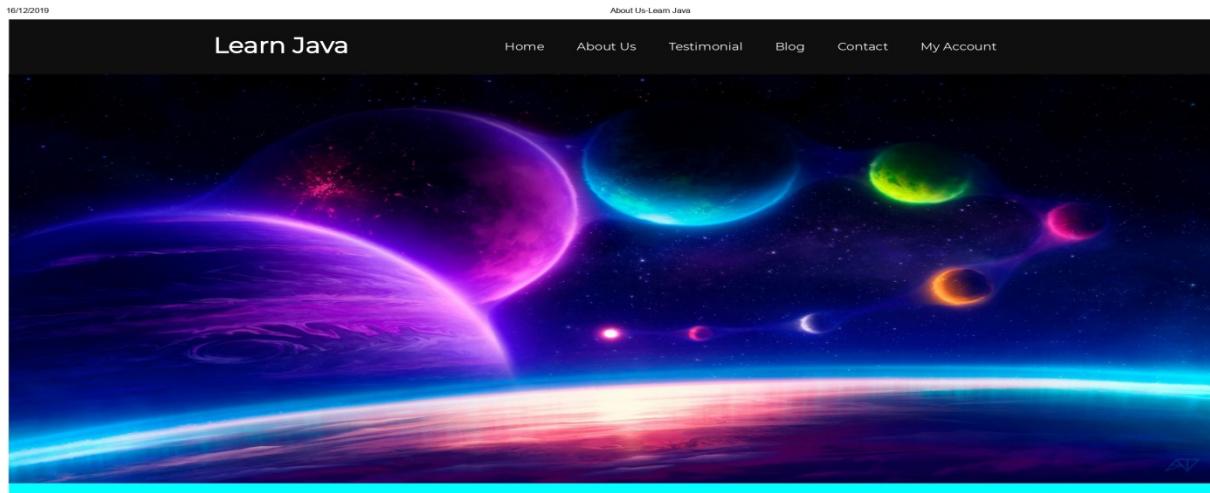
Screenshots

Home Page:-

This is the homepage of the website which shows the Intro of website.



About Us:



The screenshot shows the 'About' page of the 'Learn Java' website. The header includes the date '16/12/2019', the title 'Learn Java', and a navigation menu with links to Home, About Us, Testimonial, Blog, Contact, and My Account. The main content area features a vibrant, colorful background image of celestial bodies in space. Below the image, the word 'About' is centered in a bold, black font. A sub-section title 'The purpose of making this website to give you the knowlege of programming and coding and I hope I would get success.' is displayed in a teal-colored box. The text explains the purpose of the website: 'Our Aim is to make Our learners good in Java Programming Language. Java is pure Object Oriented Language which have the complete features of the Object Oriented Programming (OOPS). Java is a language and a computing platform for application development. It was first released by Sun Microsystem in 1995 and later acquired by Oracle Corporation. It is one of the most used programming languages. Java platform is a collection of programs that help to develop and run programs written in the Java programming language. Java platform includes an execution engine, a compiler, and a set of libraries. JAVA is platform-independent language. It is not specific to any processor or operating system.' Another section discusses Java's unique bytecode format: 'Like C compiler, Java compiler does not produce native executable code for a particular machine. Instead, Java produces a unique format called bytecode. It executes according to the rules laid out in the virtual machine specification. Bytecode is understandable to any JVM installed on any OS. In short, the java source code can run on all operating systems.' A third section highlights Java's role in digital innovation: 'Java is at the heart of our digital lifestyle. It's the platform for launching careers, exploring human-to-digital interfaces, architecting the world's best applications, and unlocking innovation everywhere—from garages to global organizations.' A sub-section titled 'One Language, One Platform, a Lifetime of Opportunity' follows. The text emphasizes Java's versatility: 'When it comes to building computer programming skills, learning Java will take you way beyond the games of your childhood. Knowing Java will be a clear advantage in your future career. When you learn Java, you're learning more than just a language. Because Java is a technology platform with many interconnected capabilities that can give cutting-edge, in-demand job skills. In fact, Java tops Inc.com's list of the ten most popular programming languages. Java can take you where you want to go.' A final section on Java Web Applications provides a brief overview: 'Java Web Application is used to create dynamic websites. Java provides support for web application through Servlets and JSPs. We can create a website with static HTML pages but when we want information to be dynamic, we need web application.' A list of 8 points outlines the components of a Java Web Application: 1. Web Server and Client, 2. HTML and HTTP, 3. Understanding URL, 4. Why we need Servlet and JSPs?, 5. First Web Application with Servlet and JSP, 6. Web Container, 7. Web Application Directory Structure, 8. Deployment Descriptor. A 'Thanks for visiting us.' message concludes the page.

Testimonial:-

The screenshot shows a dark-themed website for "Learn Java". At the top, there's a navigation bar with links for Home, About Us, Testimonial, Blog, Contact, and My Account. Below the navigation is a large image of a laptop keyboard. Overlaid on the image is a teal-colored box containing the word "Testimonial" in white. The main content area has a teal background and contains several testimonial quotes from users like Aman, Akash, Riyansh, and Tarun, each with their names in red.

16/12/2019 Testimonials-Learn Java

Learn Java

Home About Us Testimonial Blog Contact My Account

Testimonial

"It is a nice try to make websites and I am happy to be here and I am starting learning Computer programming. So I visit this website and I am feeling happy that you will teach us something about programming and I am happy that you include the c++ programming language and HTML also. I hope this website would help me very much and I read your motive to make the website, It is inspiring and I want that you may start some other programming courses such as Python, Ruby and php also.

Aman
Sharma

"I want that you should update your page very quickly and I read your java tutorials part 1 and part 2. It is quite good and It is more friendly and it is the right information and the right experienced work you did you write I think. I hope this website would include more tutorials and this would be happy for us. This is awesome and very light content website and I am happy that you did not added the worst advertisements on your website because it is quite disturbing mind."

Akash
Sharma

"I am feeling greatful to be here and writing this for you. It is very interesting that you make a website. It is very good that it is related to the Programming language. Programming and coding is the requirement of the new and morden world. This could be good that you design website more effective with more interesting backgrounds and graphics but it is nice and awesome also."

Riyansh
Tiwari

" The Learn Java website for best for students. I am using this website since 3 years. I am diploma student from government polytechnic jaunpur. My sir preferred to learn from this website. It update the content and information. It provide the interview question to prepare your interview and get job. It also provide the summer training. It also provide the latest technology to update yourself in computer science field. I also prefer to my friend. In this tutorial the language is understandable to everybody. Mostly all the programming language are available in this website. "

Tarun
Tiwari

localhost/Learn/Testimonial.php 1/2

Blog:-

16/12/2019 Blog Learn Java

Learn Java Home About Us Testimonial Blog Contact My Account

Blog

 **What is Java?**

December 12, 2019

Java is a general-purpose programming language that is class-based, object-oriented, and designed to have as few implementation dependencies as possible. It is intended to let application developers write once, run anywhere (WORA), meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Java applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of the underlying computer architecture. The syntax of Java is similar to C and C++, but it has fewer low-level facilities than either of them. As of 2019, Java was one of the most popular programming languages in use according to GitHub, particularly for client-server web applications, with a reported 9 million developers.

[Read more](#)

 **First Java Program**

December 12, 2019

First Java Program A "Hello world" is a simple program of java to understand the basic concepts of java programming language. At first we should write Java Program:- Class HelloWorld { Public static void main(string[] args) { System.out.println("Hello world"); } } In Java, Every application is begin with a class definition. In the program, "Hello world" is the name of the class, and the definition of the class is:- Class HelloWorld { } Every java program has a class definition,

[Read more](#)

 **What is JDK?**

December 12, 2019

The Java Development Kit (JDK) is an implementation of either one of the Java Platform, Standard Edition, Java Platform, Enterprise Edition, or Java Platform, Micro Edition platforms released by Oracle Corporation in the form of a binary product aimed at Java developers on Solaris, Linux, macOS or Windows. The JDK includes a private JVM and a few other resources to finish the development of a Java Application. Since the introduction of the Java platform, it has been by far the most widely used Software Development Kit (SDK). [citation needed] On 17 November 2006, Sun announced that they would release it under the GNU General Public License (GPL), thus making it free software. This happened in large part on 8 May 2007, when Sun contributed the source code to the OpenJDK.

[Read more](#)

 **What is JRE?**

December 12, 2019

The Java Runtime Environment (JRE) is a set of software tools for development of Java applications. It combines the Java Virtual Machine (JVM), platform core classes and supporting libraries. JRE is part of the Java Development Kit (JDK), but can be downloaded separately. JRE was originally developed by Sun Microsystems Inc., a wholly-owned subsidiary of Oracle Corporation. Also known as Java runtime.

[Read more](#)

localhost/Learn/blog.php 1/2

Contact:-

16/12/2019 Contact-Learn Java

Learn Java

Home About Us Testimonial Blog Contact My Account

Contact Us

We will Contact you

Enter first name...

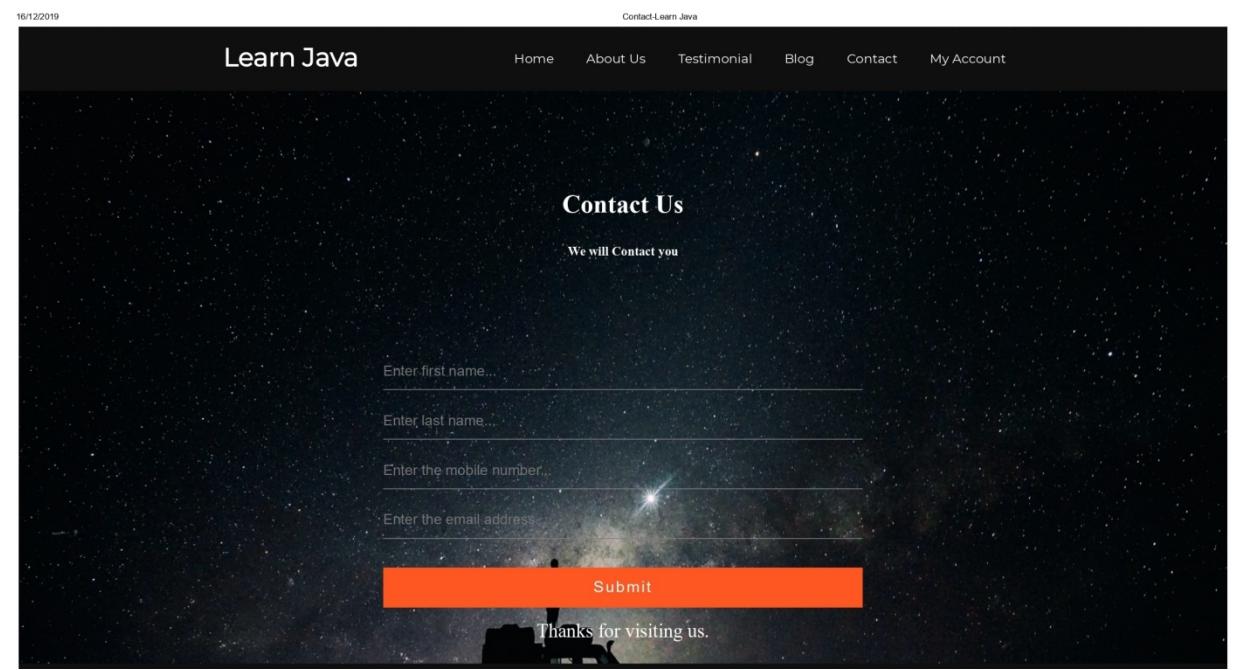
Enter last name...

Enter the mobile number...

Enter the email address...

Submit

Thanks for visiting us.



My Account:-

16/12/2019 Contact-Learn Java



The image shows a registration form on a website. The header bar includes the date "16/12/2019" and the page title "Contact-Learn Java". The main navigation menu has links for "Home", "About Us", "Testimonial", "Blog", "Contact", and "My Account". The page title "Learn Java" is also present. The background of the form area features a blue gradient with white wavy lines. The form itself is titled "Registration Form" and contains four input fields: "Username:", "Email:", "Password:", and "Password Again:". Below these fields is a "Register" button. To the right of the "Register" button is a link "Login here".

Learn Java

Contact-Learn Java

Home About Us Testimonial Blog Contact My Account

Registration Form

Username:

Email:

Password:

Password Again:

[Login here](#)

1 Getting Started

Before doing installation, you need to do the following things:

For that we have to download the PHP 5.3 and a notepad editor or Sublime text editor. We would use server also in it. Xampp Server or also Lamp Server or WAMP Server.

Once you do all things above, you can go to the next step.

Setting up a Local Server: ---

At first we should have to setup a local server on our computer if we want to use that website offline.

1.1 Steps: 1 Download XAMPP

Start off by [downloading the latest version of XAMPP](#) from Apache Friends website. The current up-to-date version of XAMPP is 7.3.8 / PHP 7.3.8.

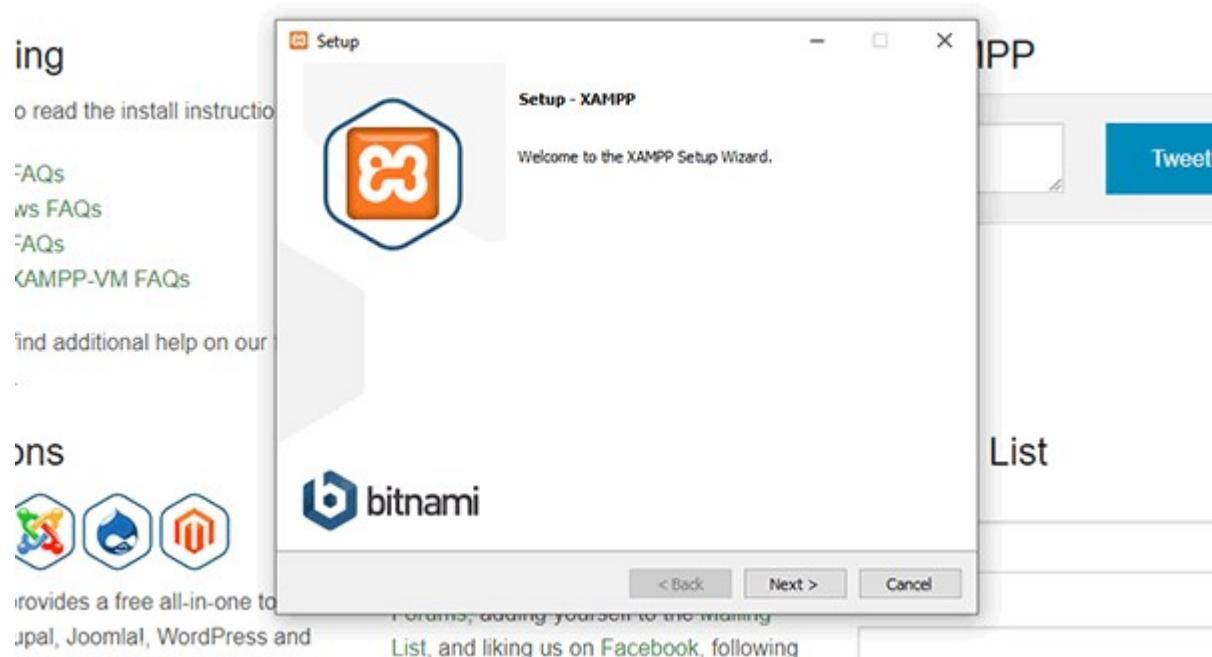
The screenshot shows the Apache Friends XAMPP download page. At the top, there's a navigation bar with links for Apache Friends, Download, Add-ons, Hosting, Community, About, a search bar, and a language switcher (EN). The main heading is "Download". Below it, a sub-headline says "XAMPP is an easy to install Apache distribution containing MariaDB, PHP, and Perl. Just download and start the installer. It's that easy." A large button labeled "XAMPP for Windows 7.1.31, 7.2.21 & 7.3.8" has a red border around the bottom row. This row contains three entries: "7.1.31 / PHP 7.1.31", "7.2.21 / PHP 7.2.21", and "7.3.8 / PHP 7.3.8". The last entry is highlighted with a red border. To the right of the table, there's a "Documentation/FAQs" section with text about the lack of a manual and links to forums and Stack Overflow, followed by a list of FAQs for Linux, Windows, OS X, and OS X XAMPP-VM. There's also a "Add-ons and Themes" section.

Version	Checksum	Size
7.1.31 / PHP 7.1.31	What's Included? md5 sha1	Download (64 bit) 144 Mb
7.2.21 / PHP 7.2.21	What's Included? md5 sha1	Download (64 bit) 148 Mb
7.3.8 / PHP 7.3.8	What's Included? md5 sha1	Download (64 bit) 149 Mb

Note: If you're using Linux or OSX, the installation steps are pretty much the same. Just make sure to download the appropriate version of XAMPP for your OS.

1.2 Step 2: Install XAMPP

Once downloaded, run the XAMPP installer file.



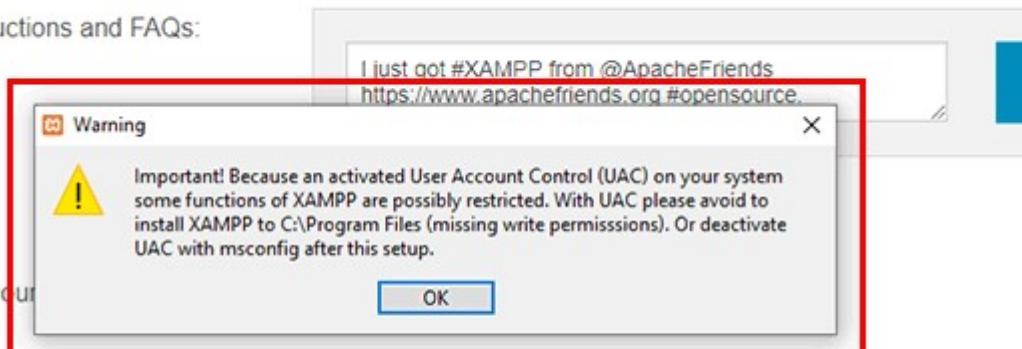
The XAMPP Setup Wizard

Tell Your Friends about XAMPP

he install instructions and FAQs:

is
-VM FAQs

litional help on our



Community



XAMPP has been around for more than 10

years – there is a huge community behind

Mailing List

Email

You might get a UAC warning before installation. Click OK and continue.

Select the components you want to install. If you're planning to install a WordPress site with XAMPP, you only need *Apache*, *MySQL*, *PHP*, and *phpMyAdmin*. I'll check all the components as I'd like to experiment with them later.

ng
> read the install instruc

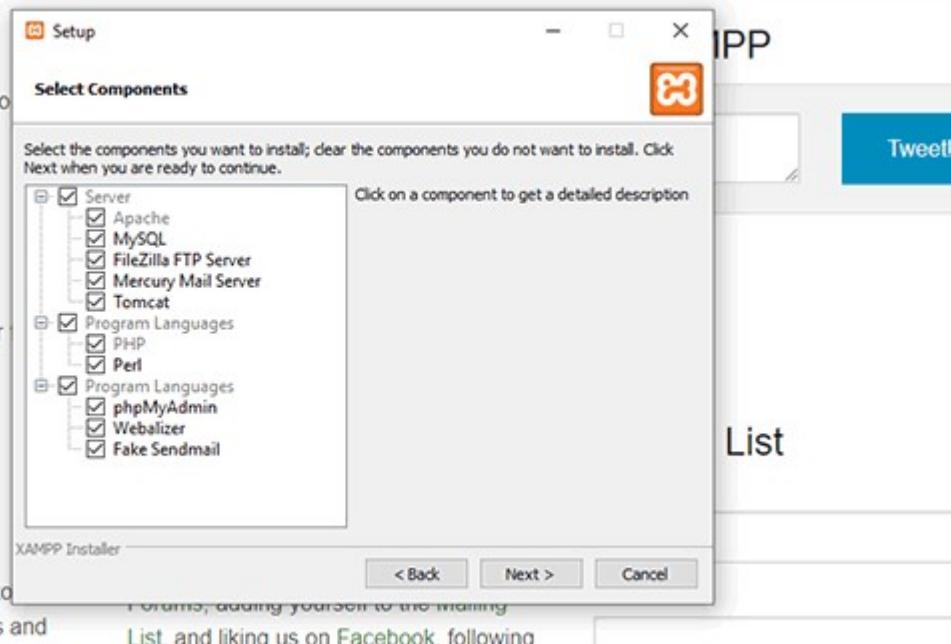
AQs
vs FAQs
AQs
XAMPP-VM FAQs

nd additional help on our

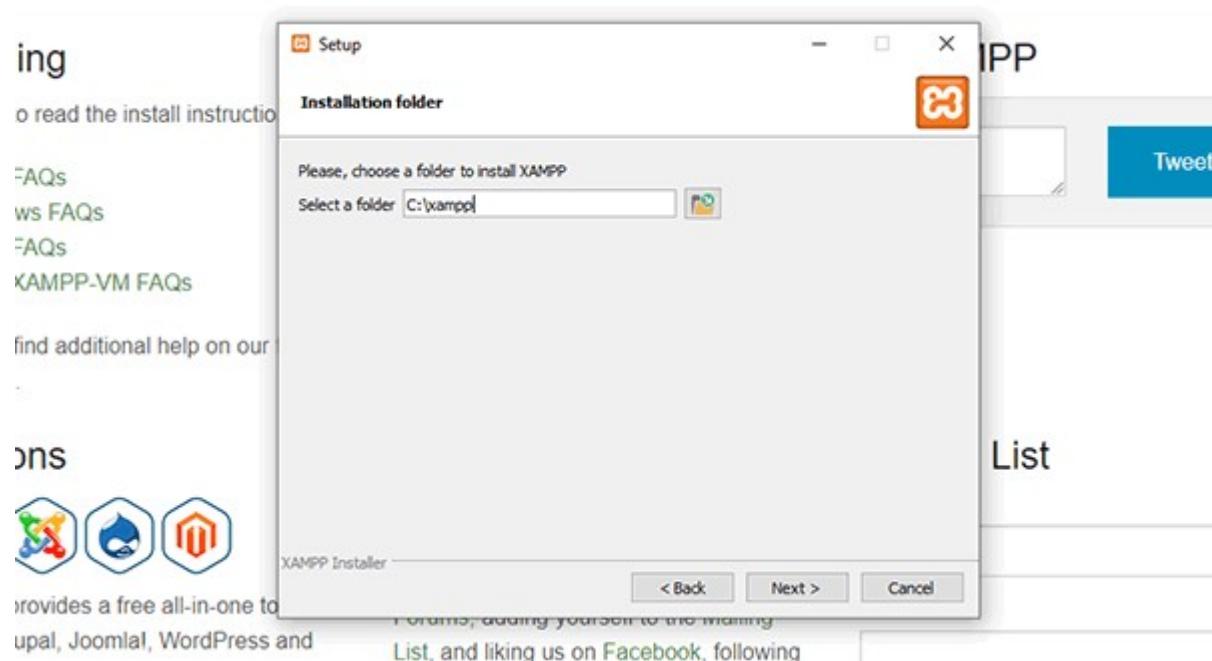
ins



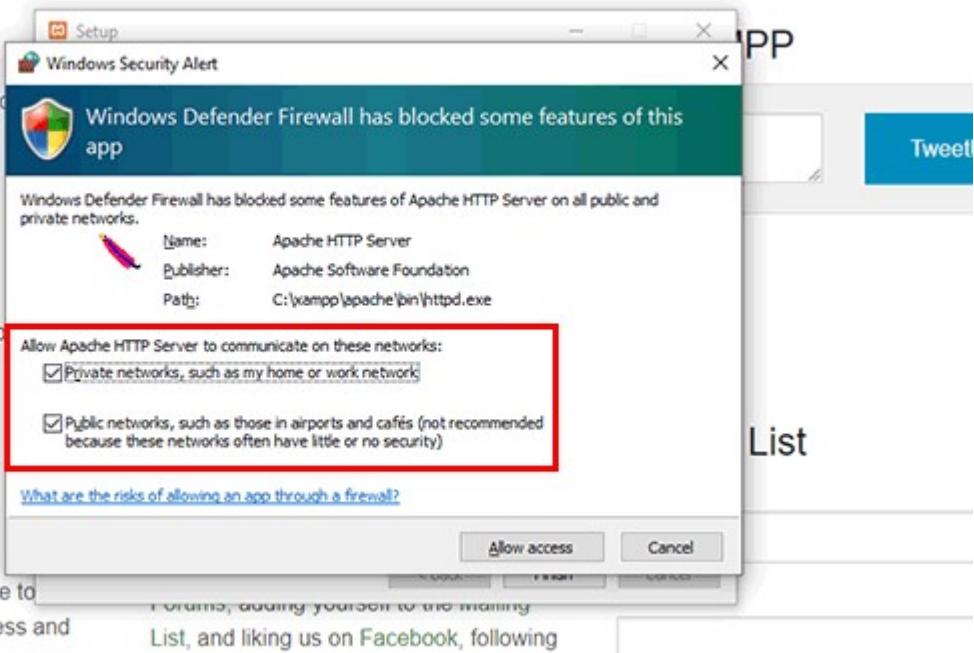
rovides a free all-in-one to
pal, Joomla!, WordPress and



Choose the installation directory for XAMPP (default recommended).

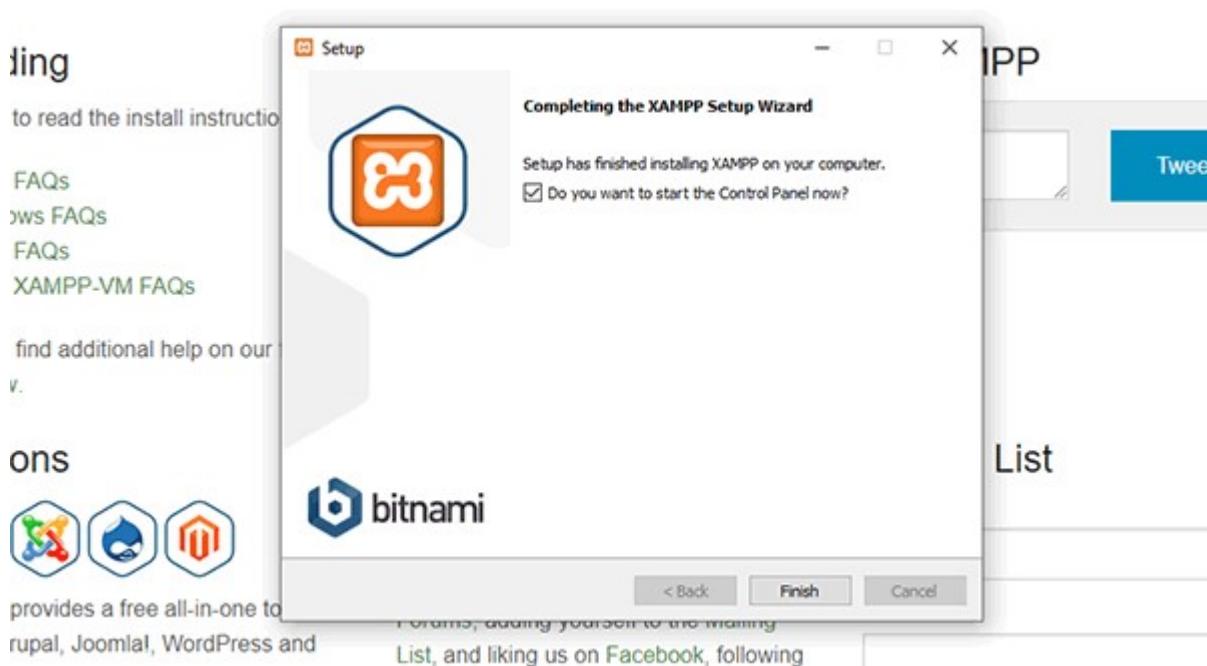


Uncheck *Learn more about Bitnami* option. Bitnami provides all-in-one tools to install popular open source apps on top of XAMPP. This includes add-on modules for installing WordPress too. However, we'll be installing it manually here.



You may be presented with a *Windows Security Alert* at the end of the installation. You need to whitelist *Apache HTTP Server* from your *Windows Defender Firewall* by clicking the *Allow access* button. Make sure to check the “*Private networks, such as my home or work network*” option. This is very important. XAMPP won’t work if you don’t check this and click *Allow access*.

Complete the setup and run *XAMPP Control Panel*.



1.2.1 Installation Note 1: Deactivate UAC under Windows Settings

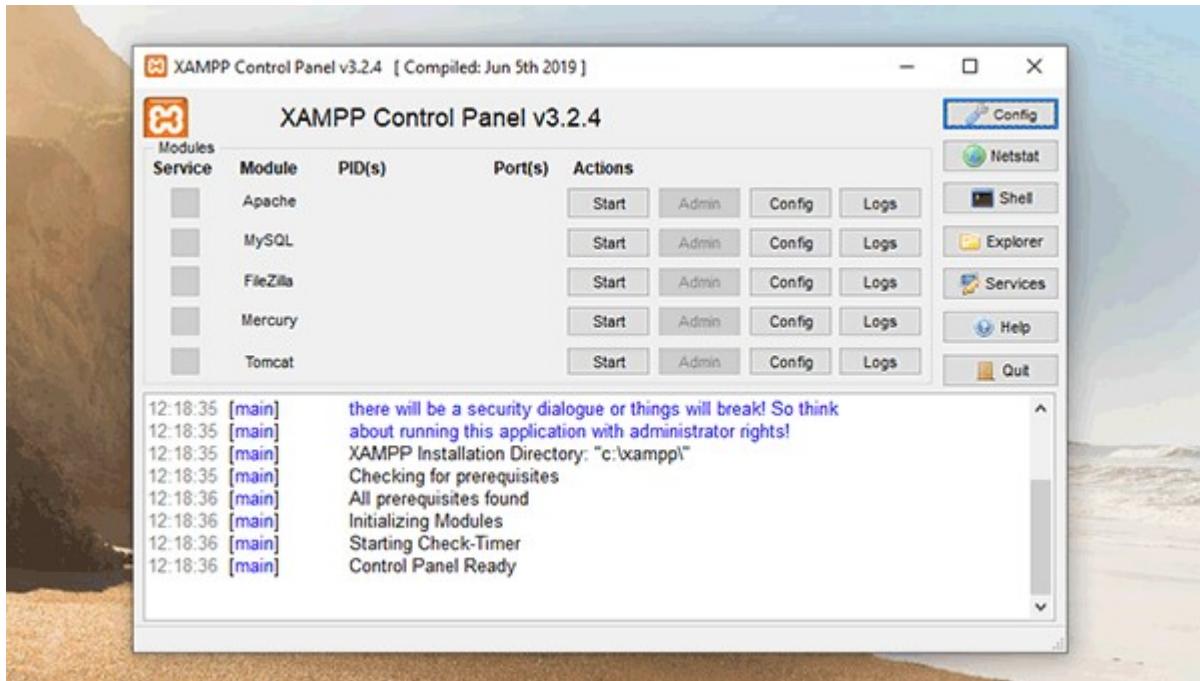
You might be presented with a *User Access Control (UAC)* warning by Windows. Nothing to worry much. Just make sure that you don't install XAMPP under your Program Files directory, as *UAC* can interfere with XAMPP's writing permissions to this directory. The default installation directory is C:\XAMPP. So, if you don't change it, you should be good.

1.2.2 Installation Note 2: Deactivate Antivirus and/or Firewall Temporarily

Some antivirus or firewall programs can cause issues with your XAMPP installation. If that's the case, it's suggested that you deactivate them temporarily until XAMPP is installed successfully.

1.3 Step 3: Open the XAMPP Control Panel

The XAMPP Control Panel sports a simple user interface that lists all the modules of your local server. It allows you to *Start/Stop* individual modules, access their *Admin* area, *Config* files, and *Logs* with just a single click. Its bottom section also displays all your actions and errors (if any).

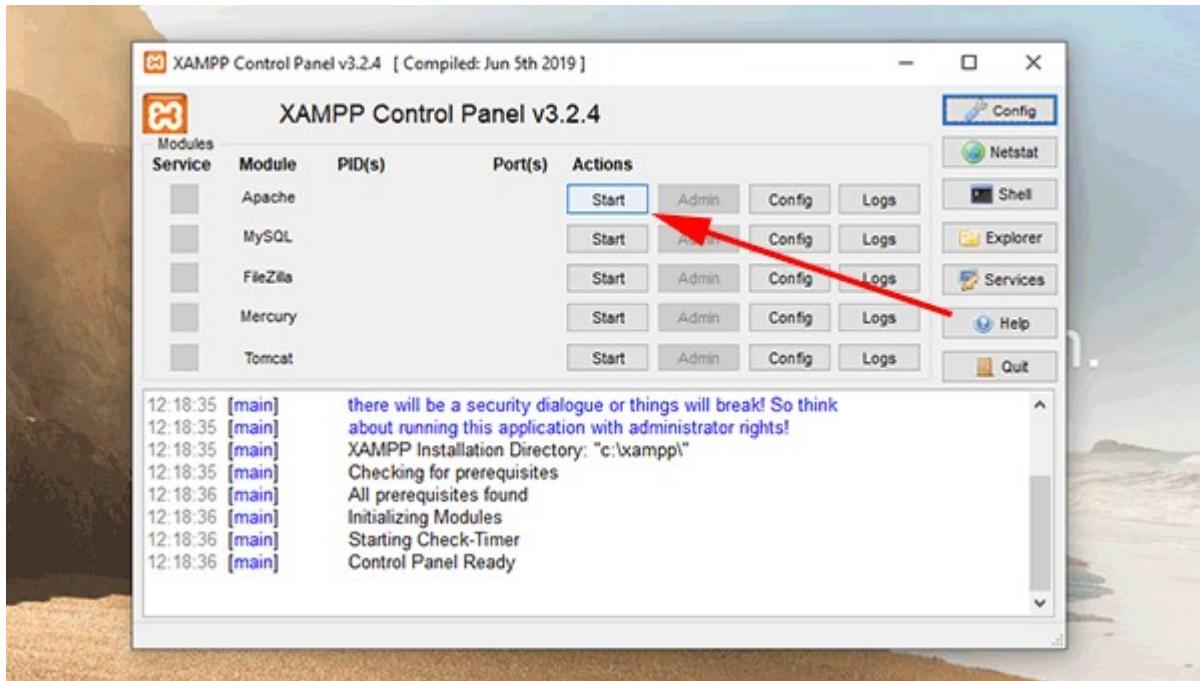


Apart from the options discussed above, the XAMPP Control Panel also features other buttons on its right side:

- **Config:** to configure overall XAMPP settings
- **Netstat:** display all active TCP connections (and ports) on your computer
- **Shell:** starts XAMPP in a custom command line (CMD)
- **Explorer:** opens the XAMPP root folder in Windows Explorer
- **Services:** shows all Windows services under Microsoft Management Console
- **Help:** links to Apache Friends Support Forum
- **Quit:** quit XAMPP Control Panel (the server will continue to run in the background)

1.4 Step 4: Start Apache and MySQL Modules

Click the *Start* button beside Apache module. If everything's set correctly, your Apache server should start successfully under ports 83 and 443.



You can access your Apache server's dashboard by clicking the *Admin* button beside it. Alternatively, you can also reach it via [URL](http://localhost/dashboard/) in your browser.

Welcome to XAMPP for Windows 7.3.8

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOWTO Guides for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want to have your XAMPP accessible from the internet, make sure you understand the implications and you checked the FAQs to learn how to protect your site. Alternatively you can use WAMP, MAMP or LAMP which are similar packages which are more suitable for production.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forums, adding yourself to the Mailing List, and liking us on Facebook, following our exploits on Twitter, or adding us to your Google+ circles.

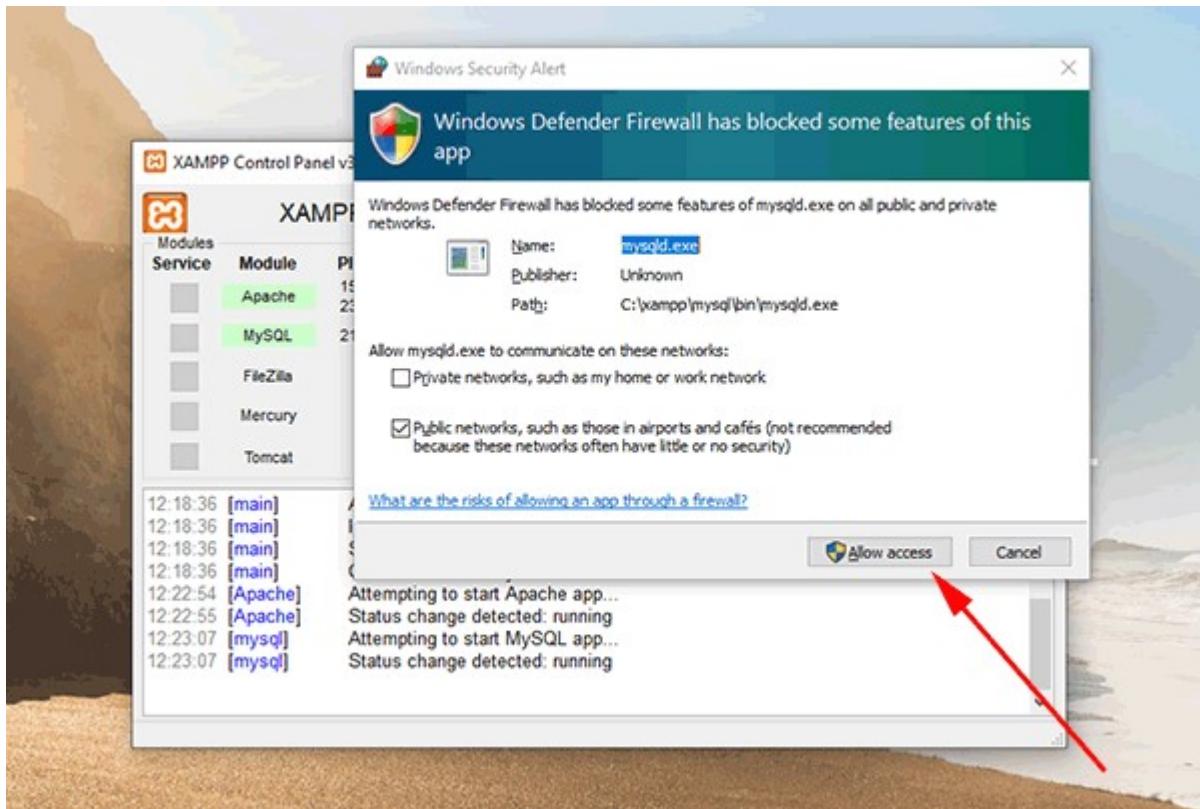
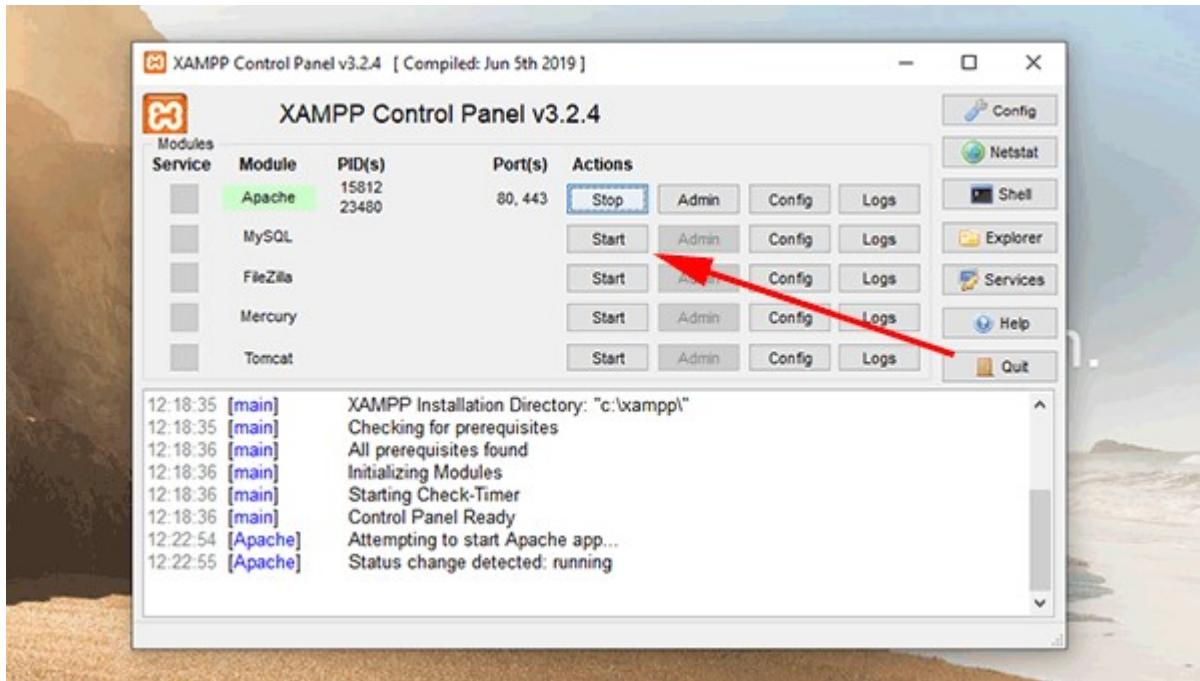
Contribute to XAMPP translation at translate.apachefriends.org.

Can you help translate XAMPP for other community members? We need your help to translate XAMPP into different languages. We have set up a site, translate.apachefriends.org, where users can contribute translations.

Install applications on XAMPP using Bitnami

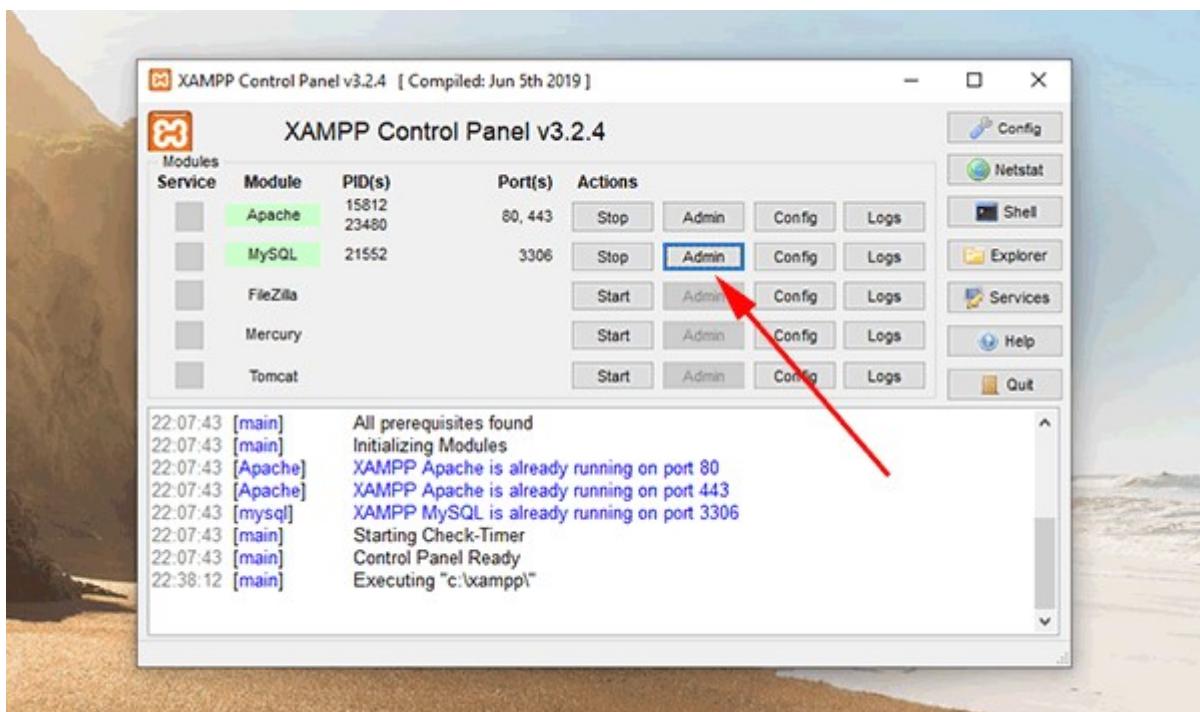
Apache Friends and Bitnami are cooperating to make dozens of open source applications available on XAMPP for free. Bitnami-packaged applications include Wordpress, Drupal, Joomla! and dozens of others and can be deployed with one-click installers. Visit the Bitnami XAMPP page for details on the currently available apps.

Then *Start* the MySQL module. If you're presented with a Windows Security Alert to white list *mysqld.exe*, click *Allow access*. Like before, make sure that you've ticked the “*Private networks, ...*” option.



Don't forget to tick the "Private networks" option.

You can access your phpMyAdmin dashboard by clicking the *Admin* button beside MySQL module. Or you can simply go to <http://localhost/phpmyadmin/> in your browser. Here, you can manage the MariaDB (or MySQL) databases of your web projects.



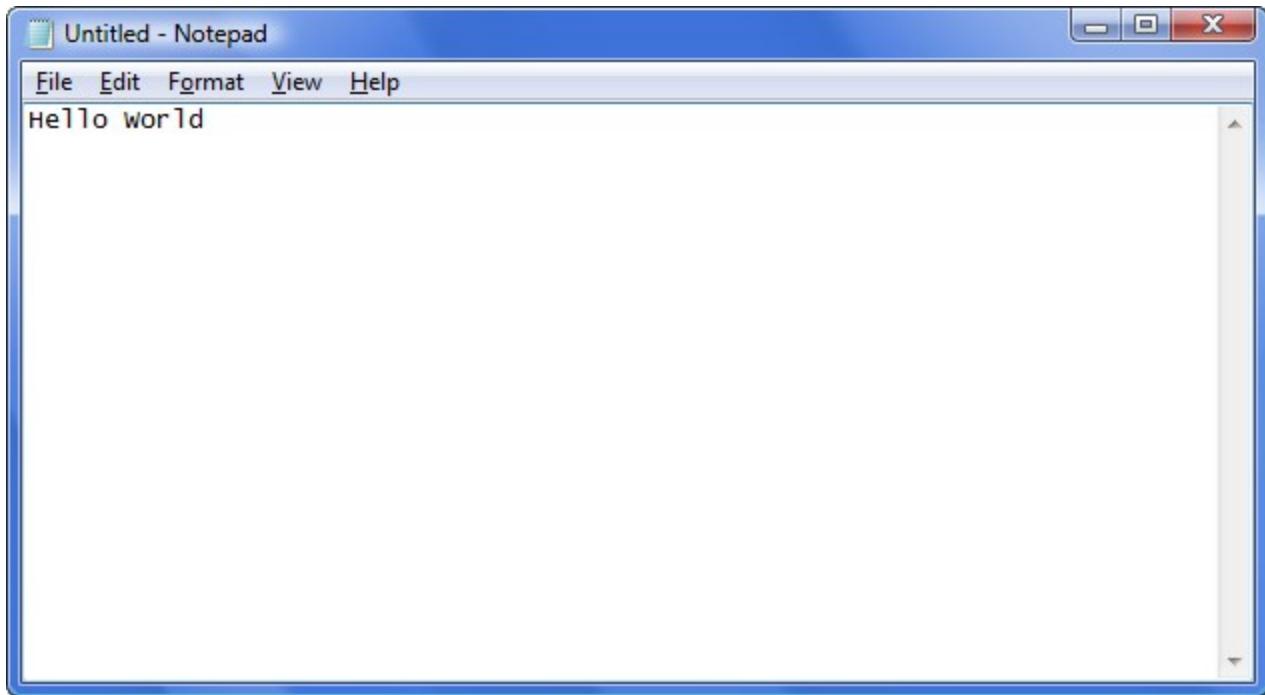
The screenshot shows the phpMyAdmin interface. The left sidebar lists databases: New, information_schema, mysql, performance_schema, phpmyadmin, and test. The main panel displays 'General settings' and 'Appearance settings'. Under General settings, 'Server connection collation' is set to utf8mb4_unicode_ci. Under Appearance settings, the language is set to English, the theme is pmahomme, and the font size is 82%.

The phpMyAdmin Dashboard

This concludes the setup of XAMPP as your local development environment. It's now ready to host any PHP-based software (e.g. WordPress).

Setting up an Editor:--

For that we may use notepad or we may use Sublime text editor for the codes writing. Notepad editor is always available with the windows OS.



CHAPTER 5: CODING AND DATABASE

We have created 7 pages of the website and Each page have separate coding of it and also We have created a CSS File.

Home Page:--

```
<!DOCTYPE html>
<html>
<head>
    <link rel="icon" href="images/java1.png">
        <link href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="css/mystyle.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css">
    <link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css">
<meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Home - Learn Java</title>
</head>
<body>
    <div class="header" >
        <div class="inner_header">
            <div class="logo_container">
                <a href="index.php">
                    <br>
                    <h1>Learn <span>Java</span></h1>
                </a>
            </div>
            <ul class="navigation" >
                <a href="index.php"><li>Home</li></a>
                <a href="about.php"><li>About Us</li></a>
                    <a href="testimonial.php"><li>Testimonial</li></a>
                    <a href="blog.php"><li>Blog</li></a>
                    <a href="contact.php"><li>Contact</li></a>
                    <a href="myaccount.php"><li>My Account</li></a>
            </ul>
        </div>
    </div>
<section class="main_para">
<div class="slideshow-container">
<div class="mySlides fade">
<div class="numbertext"></div>
</div>
<div class="mySlides fade">
<div class="numbertext"></div>

</div>
<div class="mySlides fade">
<div class="numbertext"></div>

</div>
</div>
<br>
<div style="text-align:center">
```

```

<span class="dot"></span>
<span class="dot"></span>
<span class="dot"></span>
</div>
<script>
var slideIndex = 0;
showSlides();
function showSlides() {
    var i;
    var slides = document.getElementsByClassName("mySlides");
    var dots = document.getElementsByClassName("dot");
    for (i = 0; i < slides.length; i++) {
        slides[i].style.display = "none";
    }
    slideIndex++;
    if (slideIndex > slides.length) {slideIndex = 1}
    for (i = 0; i < dots.length; i++) {
        dots[i].className = dots[i].className.replace(" active", "");
    }
    slides[slideIndex-1].style.display = "block";
    dots[slideIndex-1].className += " active";
    setTimeout(showSlides, 3000); // Change image every 2 seconds
}
</script>
<p class="welcome_text" align="center">
    Welcome to the Learn-Java. <br>
    Interactive Java Tutorial.
    <br><br>
</p>
<p class="que1"><b>Why Learn Java?</b> <br></p>
<p class="para_123">Java is among the most popular programming languages out there, mainly because of how versatile and compatible it is.
    Java can be used for a large number of things, including software development, mobile applications, and large systems development. As of 2019, 88% market share of all smartphones run on Android, the mobile operating system
    written in Java. Knowing Java opens a great deal of doors for you as a developer. <br><br><br> </p>
<p class="que2"><b>Take-Away Skills</b> <br></p>
<p class="para_123">In this course you'll be exposed to fundamental programming concepts, including object-oriented programming (OOP) using Java. You'll build 7 Java projects—like a basic calculator—to help you practice along the way.
    <br><br><br> </p>
<br><br>
<p class="que3"><b>Recently Updated</b> <br></p>
<p class="para_123">We've recently updated this course! For more information on why we did this update and how it might affect you,
    check out this blog post: </p>
    <a href="#" target="_blank" rel="noopener" class="para_123">Learn Java Updates</a>
    <br><br><br>
    <p class="que4"><b>Upcoming Releases</b> <br></p>
    <p class="para_123">
        We're building new and exciting content for this course, look for more new content soon!
    </p>
    <br><br><br>
    <br>
    <p class="para_123">
        Whether you are an experienced programmer or not, this website is intended for everyone who wishes to learn the Java programming language.
    <br><br>
    </p>
<p class="para_123" align="center">
    <?php
        echo "Thanks for visiting us.<br><br>";
    ?> </p>
</p>
</section>
<footer>
<footer class="footer-distributed">
    <div class="footer-left">
        
        <h3>Learn <span> Java</span></h3>

```

```

<p class="footer-links">
<a href="index.php">Home</a><a href="about.php">About Us</a>
    <a href="testimonial.php">Testimonial</a>
    <a href="blog.php">Blog</a>
    <a href="contact.php">Contact</a>
    <a href="myaccount.php">My Account</a>
</p>
<p class="footer-company-name">© 2019 Yash Bhardwaj Industries Pvt. Ltd.</p>
</div>
<div class="footer-center">
    <div>
        <i class="fa fa-map-marker"></i>
        <p><span>D-xx Ranjeet Nagar
            Near the D Block park</span>
            Bharatpur, Rajasthan - 321001</p>
    </div>
    <div>
        <i class="fa fa-phone"></i>
        <p>+91 XXXXXXXXX</p>
    </div>
    <div>
        <i class="fa fa-envelope"></i>
        <p><a href="mailto:XYZ@gmail.com? subject=subject text">Send
Eamil</a></p>
    </div>
</div>
<div class="footer-right">
    <p class="footer-company-about">
        <span>About the company</span>
        We offer training and skill building courses across Technology, Design,
Management, Science and Humanities.</p>
    <div class="footer-icons">
        <a href="#"><i class="fa fa-facebook"></i></a>
        <a href="#"><i class="fa fa-twitter"></i></a>
        <a href="#"><i class="fa fa-instagram"></i></a>
        <a href="#"><i class="fa fa-linkedin"></i></a>
        <a href="#"><i class="fa fa-youtube"></i></a>
    </div>
</div>
</body>
</html>

```

About us:---

```

<!DOCTYPE html>
<html>
<head>
    <link rel="icon" href="images/java1.png"><link
    href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="css/mystyle.css">
    <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-
    awesome.min.css">
    <link href="https://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css">
    <title>About Us-Learn Java</title>
</head>
<body>
<div class="header" >
    <div class="inner_header">
        <div class="logo_container">
            <a href="index.php">
                <br>

```

```

        <h1>Learn <span>Java</span></h1>
        </div>
        <ul class="navigation">
<a href="index.php"><li>Home</li></a
Us</li></a>
                <a href="about.php"><li>About
                <a href="testimonial.php"><li>Testimonial</li></a>
                <a href="blog.php"><li>Blog</li></a>
                <a href="contact.php"><li>Contact</li></a>
                <a href="myaccount.php"><li>My
                Account</li></a></ul></div></div>
<section class="main_para">
<div class="slideshow-container">
<div class="mySlides fade">
    <div class="numbertext"></div>
    
</div>
<div class="mySlides fade">
    <div class="numbertext"></div>
    
</div>
<div class="mySlides fade">
    <div class="numbertext"></div>
    
</div>
</div>
<br>
<div style="text-align:center">
    <span class="dot"></span>
    <span class="dot"></span>
    <span class="dot"></span>
</div>
<script>
var slideIndex = 0;
showSlides();
function showSlides() {
    var i;
    var slides = document.getElementsByClassName("mySlides");
    var dots = document.getElementsByClassName("dot");
    for (i = 0; i < slides.length; i++) {
        slides[i].style.display = "none";
    }
    slideIndex++;
    if (slideIndex > slides.length) {slideIndex = 1}
    for (i = 0; i < dots.length; i++) {
        dots[i].className = dots[i].className.replace(" active", "");
    }
    slides[slideIndex-1].style.display = "block";
    dots[slideIndex-1].className += " active";
    setTimeout(showSlides, 3000); // Change image every 2 seconds
}
</script>
</section>
<h1 class="about123" align="center">About</h1>
<section class="back_123">
<br><br>

```

 <p align="center" class="que4">The purpose of making this website to give you the knowledge of programming and coding and I hope I would get success.</p>

<p class="para_123"> Our Aim is to make Our learners good in Java Programming Language.

Java is pure Object Oriented Language which have the complete features of the Object Oriented Programming (OOPS).

Java is a language and a computing platform for application development.

It was first released by Sun Microsystem in 1995 and later acquired by Oracle Corporation.

It is one of the most used programming languages.

Java platform is a collection of programs that help to develop and run programs written in the Java programming language.

Java platform includes an execution engine, a compiler, and a set of libraries. JAVA is platform-independent language.

It is not specific to any processor or operating system. </p>

<p class="para_123">Like C compiler, Java compiler does not produce native executable code for a particular machine. Instead, Java produces a unique format called bytecode.

It executes according to the rules laid out in the virtual machine specification.

Bytecode is understandable to any JVM installed on any OS. In short, the java source code can run on all operating systems.</p>

<p class="para_123">

Java is at the heart of our digital lifestyle.

It's the platform for launching careers, exploring human-to-digital interfaces, architecting the world's best applications,

and unlocking innovation everywhere—from garages to global organizations.

</p>

<p class="para_123">

<p align="center" class="que4">One Language, One Platform, a Lifetime of Opportunity</p>

<p class="para_123">When it comes to building computer programming skills, learning Java will take you way beyond the games of your childhood.

Knowing Java will be a clear advantage in your future career.

When you learn Java, you're learning more than just a language.

Because Java is a technology platform with many interconnected capabilities that can give cutting-edge, in-demand job skills.

In fact, Java tops Inc.com's list of the ten most popular programming languages. Java can take you where you want to go.</p>

</p>

<p class="para_123">

Java Web Application is used to create dynamic websites. Java provides support for web application through Servlets and JSPs.

We can create a website with static HTML pages but when we want information to be dynamic, we need web application.

</p>

<p class="para_123">

 Java Web Application:-----

 The aim of this article is to provide basic details of different components in Web Application and

how can we use Servlet and JSP to create our first java web application.

<p class="para_123">


```

<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;1. Web Server and Client</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;2. HTML and HTTP</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;3. Understanding URL</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;4. Why we need Servlet and
JSPs?</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;5. First Web Application with
Servlet and JSP</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;6. Web Container</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;7. Web Application Directory
Structure</li>
<li class="para_123">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;8. Deployment Descriptor</li>
</ul></p><br><br><br><br>
</p>
<p class="para_123" align="center">
<?php
echo "Thanks for visiting us.<br><br>";
?> </p>
</section>
<footer><footer class="footer-distributed">
    <div class="footer-left">
        
        <h3>Learn
        <span> Java</span></h3>
        <p class="footer-links">
            <a href="index.php">Home</a>
            <a href="about.php">About Us</a>
            <a href="testimonial.php">Testimonial</a>
            <a href="blog.php">blog</a>
            <a href="contact.php">Contact</a>
            <a href="myaccount.php">My Account</a>
        </p>
        <p class="footer-company-name">© 2019 Yash Bhardwaj Industries
Pvt. Ltd.</p>
    </div>

    <div class="footer-center">
        <div>
            <i class="fa fa-map-marker"></i>
            <p><span>D-xx Ranjeet Nagar
                Near the D Block park</span>
                Bharatpur, Rajasthan - 321001</p>
        </div>

        <div>
            <i class="fa fa-phone"></i>
            <p>+91 xxxxxxxxxx</p>
        </div>
        <div>
            <i class="fa fa-envelope"></i>
            <p><a href="mailto:XYZ@gmail.com? subject=subject
text">Send Eamil</a></p>
        </div>
    </div>
<div class="footer-right">
    <p class="footer-company-about">
        <span>About the company</span>
        We offer training and skill building courses across
Technology, Design, Management, Science and Humanities.</p>
    <div class="footer-icons">

```

```

        <a href="#"><i class="fa fa-facebook"></i></a>
        <a href="#"><i class="fa fa-twitter"></i></a>
        <a href="#"><i class="fa fa-instagram"></i></a>
        <a href="#"><i class="fa fa-linkedin"></i></a>
        <a href="#"><i class="fa fa-youtube"></i></a>
    </div>
</div>
</footer>
</body>
</html>

```

Testimonial:--

```

<!DOCTYPE html>
<html>
<head>
<link rel="icon" href="images/java1.png"><link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"><link rel="stylesheet"
type="text/css" href="css/mystyle.css"><link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css"><link href="http://fonts.googleapis.com/css?family=Cookie"
rel="stylesheet" type="text/css"><title>Testimonials-Learn Java</title></head><body><div class="header"><div
class="inner_header"><div class="logo_container"><a href="index.php"><br><h1>Learn
<span>Java</span></h1></div><ul class="navigation">
<a href="index.php"><li>Home</li></a><a href="about.php"><li>About Us</li></a><a
href="testimonial.php"><li>Testimonial</li></a><a href="blog.php"><li>Blog</li></a><a
href="contact.php"><li>Contact</li></a><a href="myaccount.php"><li>My
Account</li></a></ul></div><br></div><section class="main_para"><div class="slideshow-container"><div
class="mySlides fade"><div class="numbertext"></div></div><div class="mySlides fade"><div class="numbertext"></div></div><div class="mySlides fade"><div
class="numbertext"></div></div></div><br><div style="text-align:center"><span class="dot"></span><span
class="dot"></span><span class="dot"></span></div><script>var slideIndex=0;showSlides();function
showSlides(){var
e,s=document.getElementsByClassName('mySlides'),l=document.getElementsByClassName('dot');for(e=0;e<s.length;e++)
{s[e].style.display='none'};slideIndex++;if(slideIndex>s.length){slideIndex=1};for(e=0;e<l.length;e++) {l[e].className=l[e].className.replace(' active','')};s[slideIndex-1].style.display='block';l[slideIndex-1].className+=' active';setTimeout(showSlides,3000);</script></section><section class="about123"><h1 class="about123"
align="center"><b><br>Testimonial</b></h1><br><br><br><p class="para_123"> "It is a nice try to make
websites and I am happy to be here and I am starting learning Computer programming. So I visit this website and I
am feeling happy that you will teach us something about programming and I am happy that you include the c++
programming language and HTML also. I hope this website would help me very much and I read your motive to
make the website, It is inspiring and I want that you may start some other programming courses such as Python,
Ruby and php also. </p><p
class="abc1">
Aman Sharma</p><br><br><br><br><br><p class="para_123"> "I want that you should update your
page very quickly and I read your java tutorials part 1 and part 2. It is quite good and It is more friendly and it is the
right information and the right experienced work you did you write I think. I hope this website would include
more tutorials and this would be happy for us. This is awesome and very light content website and I am happy
that you did not added the worst advertisements on your website because it is quite disturbing
mind."<br><br></p></p>

```

class="abc1">>
 Akash Sharma</p><p class="para_123">

 "I am feeling greatful to be here and writing this for you. It is very interesting that you make a website. It is very good that it is related to the Programming language. Programming and coding is the requirement of the new and morden world. This could be good that you design website more effective with more interesting backgrounds and graphics but it is nice and awesome also."

</p><p class="abc1">
 Riyansh Tiwari</p><p class="para_123">

 " The Learn Java website for best for students. I am using this website since 3 years. I am diploma student from government polytechnic jaunpur. My sir preferred to learn from this website. It update the content and information. It provide the interview question to prepare your interview and get job. It also provide the summer training. It also provide the latest technology to update yourself in computer science field. I also prefer to my friend. In this tutorial the language is understoodable to everybody. Mostly all the programming language are available in this website. "

</p><p class="abc1">
 Tarun Tiwari</p><p class="para_123">

 " Learn Java is a wealth of knowledge site. It is a must site for all programmer including beginner to advance. Although it names in java it has lots of other language materials too. I am using this site for last four years. Whenever I am in doubts I'll prefer to open javatpoint.com. And I find my query easily. I am a trainer myself and I myself refers and I also recommend my students to refer it. This site contents lots of in-depth of programming language concepts, program, example and also interview question and answer. The front page of this site is very user-friendly. All the components are given on the front page. Any user easily finds the component according to their need. This site loads fast. I have never face any problem regarding the opening of the site. "

</p><p class="abc1">
 Himanshu Sharma</p><p class="para_123">

 " Hi everyone, I am owais as a begginer to JavaTpoint I have gone throw this website using this website we can learn every language in Computer Science such as C, C+, Java, Php, Sql, Html, Css, Javascript etc., This website is very used for me in learning for exam as well as interview you can refer this
 website to understand easily. It gives complete understanding level for below avergae person it gives very good example to understand for human. It has
 many computer languages you can leran fast as much as possible. using this website we can learn about how to create dynamic website. It has simple and
 easy notes to understand the concept of every language as it is used for examination as well as interview questions and this is very good for me. "

</p><p class="abc1">
 Rupesh Sharma</p>

<?php echo "Thanks for visiting us. "; ?><footer><div class="footer-distributed"><div class="footer-left"><h3>Learn Java</h3><div class="footer-links">Home | About Us | Testimonial | blog | Contact | My Account</div><div class="footer-center"><div><i class="fa fa-map-marker"></i>D-xx Ranjeet Nagar Near the D Block park Bharatpur, Rajasthan - 321001</div></div><div class="footer-right"><div>About the company We offer training and skill building courses across Technology, Design, Management, Science and Humanities.</div><div class="footer-icons"><i class="fa fa-facebook"></i><i class="fa fa-twitter"></i><i class="fa fa-instagram"></i><i class="fa fa-linkedin"></i><i class="fa fa-youtube"></i></div></div></div>

BLOG:--

```
<!DOCTYPE html>
<html>
<head> <link rel="icon" href="images/java1.png">

<link href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link
rel="stylesheet" type="text/css" href="css/mystyle.css"> <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css"> <link
href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css"> <title>Blog-Learn
Java</title> </head>

<body>
<div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php"> <br>
<h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a href="index.php"><li>Home</li></a> <a
href="about.php"><li>About Us</li></a> <a href="testimonial.php"><li>Testimonial</li></a> <a
href="blog.php"><li>Blog</li></a> <a href="contact.php"><li>Contact</li></a> <a
href="myaccount.php"><li>My Account</li></a> </ul> </div> </div> <section class="a111"> <br> <h1
class="blog_123" align="center">Blog</h1> <br><br><br> 
<div class="java111"> <p class="what_is_java" align="left"><br><b>What is Java?</b></p><br> <h3
class="date1" style="font: italic;" align="left"> December 12, 2019<br><br></h3> <p>Java is a general-purpose
programming language that is class-based, object-oriented, and designed to have as few implementation
dependencies as possible. It is intended to let application developers write once, run anywhere (WORA), meaning
that compiled Java code can run on all platforms that support Java without the need for recompilation. Java
applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of the
underlying computer architecture. The syntax of Java is similar to C and C++, but it has fewer low-level facilities
than either of them. As of 2019, Java was one of the most popular programming languages in use according to
GitHub, particularly for client-server web applications, with a reported 9 million developers. <br> <p
class="read_more"><a href="basic_java.php">Read more</a></p><br> </div> <br> <br> <br> <br> <br>
 <div class="java111"> <p class="what_is_java"
align="left"><br><b>First Java Program</b></p><br> <h3 class="date1" style="font: italic;">
December 12, 2019<br><br></h3> <p> First Java Program A “Hello world” is a simple program of
java to understand the basic concepts of java programming language. At first we should write Java Program:- Class
HelloWorld { Public static void main(string[] args) { System.out.println(“Hello world”); } } In Java, Every
application is begin with a class definition. In the program, “Hello world” is the name of the class, and the definition
of the class is:- Class HelloWorld { ..... } Every java program has a class definition, ... </p> <br> <p
class="read_more"><a href="first_program.php">Read more</a></p><br> </div> <br> <br> <br> <br> <br>
<br>  <div class="java111"> <p
class="what_is_java" align="left"><br><b>What is JDK?</b></p><br> <h3 class="date1" style="font: italic;">
December 12, 2019<br><br></h3> <p> The Java Development Kit (JDK) is an implementation of
either one of the Java Platform, Standard Edition, Java Platform, Enterprise Edition, or Java Platform, Micro Edition
platforms released by Oracle Corporation in the form of a binary product aimed at Java developers on Solaris,
Linux, macOS or Windows. The JDK includes a private JVM and a few other resources to finish the development of
a Java Application. Since the introduction of the Java platform, it has been by far the most widely used Software
Development Kit (SDK). [citation needed] On 17 November 2006, Sun announced that they would release it under
the GNU General Public License (GPL), thus making it free software. This happened in large part on 8 May 2007,
when Sun contributed the source code to the OpenJDK. </p> <br> <p class="read_more"><a
href="what_is_jdk.php">Read more</a></p><br> </div> <br> <br> <br> <br> <br>  <div class="java111"> <p class="what_is_java"
align="left"><br><b>What is JRE?</b></p><br> <h3 class="date1" style="font: italic;" align="left"> December
12, 2019<br><br></h3> <p> The Java Runtime Environment (JRE) is a set of software tools for development of
Java applications. It combines the Java Virtual Machine (JVM), platform core classes and supporting libraries. JRE
is part of the Java Development Kit (JDK), but can be downloaded separately. JRE was originally developed by Sun
Microsystems Inc., a wholly-owned subsidiary of Oracle Corporation. Also known as Java runtime. </p> <br> <p
class="read_more"><a href="what_is_jre.php">Read more</a></p><br> </div> <br> <br> <br> <br> <br>
<br>  <div class="java111"> <p class="what_is_java"
```

Contact:-

```
<!DOCTYPE html>
<html>
<head> <link rel="icon" href="images/java1.png">

<link href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link
rel="stylesheet" type="text/css" href="css/mystyle.css"> <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css">
<link href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css"> <title>Contact-Learn
Java</title> </head>
```

```

<style>

body{ background-image: url('images/sky3.jpg'); background-repeat: no-repeat; background-size: 100% 100%; }

</style>

<body> <div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php">
<br> <h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a
href="index.php"><li>Home</li></a> <a href="about.php"><li>About Us</li></a> <a
href="testimonial.php"><li>Testimonial</li></a> <a href="blog.php"><li>Blog</li></a> <a
href="contact.php"><li>Contact</li></a> <a href="myaccount.php"><li>My Account</li></a> </ul> </div>
</div> <section> <br><br> <div class="title1"> <h1>Contact Us<br><br></h1> <h2><br><br>We will Contact
you<br><br></h2> </div> <div class="box"> <form method="POST" action="insert.php"> <input type="text"
name="firstname" class="form-control" placeholder="Enter first name..." required><br> <input type="text"
name="lastname" class="form-control" placeholder="Enter last name..." required><br> <input type="text"
name="mobile" class="form-control" placeholder="Enter the mobile number..." required><br> <input type="email"
name="email" class="form-control" placeholder="Enter the email address..." required><br> <input type="submit"
name="submit" class="form-control submit" value="Submit" type="button"> </form> </div> <p class="para_123" align="center"
style="color:white"><?php echo "Thanks for visiting us.<br><br>"; ?></p> </section> <footer> <div
class="footer-distributed"> <div class="footer-left">  <h3>Learn <span>
Java</span></h3> <p class="footer-links"> <a href="index.php">Home</a> | <a href="about.php">About Us</a> |
<a href="testimonial.php">Testimonial</a> | <a href="blog.php">blog</a> | <a href="contact.php">Contact</a> |
<a href="myaccount.php">My Account</a> </p> <p class="footer-company-name"> © 2019 Yash Bhardwaj
Industries Pvt. Ltd. </p> </div> <div class="footer-center"> <div> <i class="fa fa-map-marker"></i> <p> D-xx
Ranjeet Nagar Near the D Block park </span> Bharatpur, Rajasthan - 321001 </p> </div> <div> <i class="fa fa-
phone"></i> <p> +91 XXXXXXXXX </p> </div> <div> <i class="fa fa-envelope"></i> <p> <a href="mailto:XYZ@gmail.com?
subject=subject text"> Send Email </a> </p> </div> <div class="footer-right"> <p class="footer-company-about">
<span> About the company </span> We offer training and skill building courses across Technology, Design,
Management, Science and Humanities. </p> <div class="footer-icons"> <a href="#"> <i class="fa fa-
facebook"></i> </a> <a href="#"> <i class="fa fa-twitter"></i> </a> <a href="#"> <i class="fa fa-
instagram"></i> </a> <a href="#"> <i class="fa fa-linkedin"></i> </a> <a href="#"> <i class="fa fa-
youtube"></i> </a> </div> </div>
</div>
</body>

</html>

```

My Account:-

```

<?php

session_start();
//connect to database;

db = mysqli_connect("localhost", "root", "", "authentication");

if(isset($_POST['register_btn']) )

{
    $username = filter_input(INPUT_POST, 'username');
    $email = filter_input(INPUT_POST, 'email');
    $password = filter_input(INPUT_POST, 'password');
    $password2 = filter_input(INPUT_POST, 'password2');

    /* $username =
    mysql_real_escape_string($_POST['username']);
    $email = mysql_real_escape_string($_POST['email']);
    $password = mysql_real_escape_string($_POST['password']); */

    if($password != $password2)
    {
        echo "Passwords do not match";
        exit();
    }
}

```

```

= mysql_real_escape_string($_POST['password']); $password2 = mysql_real_escape_string($_POST['password2']);
*/ if($password == $password2) { $password = md5($password); //hash password before storing..... $sql =
"INSERT INTO users(username, email, password) VALUES('$username','$email','$password')"; mysqli_query($db,
$sql); $_SESSION['message'] = "You are logged in. "; $_SESSION['username'] = $username; //header( 'Refresh: 5;
URL=contact.php' ); header("location: home.php"); } else { $_SESSION['message'] = "The Two password doesnot
matach. "; } } ?>
```

```

<!DOCTYPE html>

<html>
<head>

<link rel="icon" href="images/java1.png"> <link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link rel="stylesheet"
type="text/css" href="css/mystyle.css"> <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css"> <link href="http://fonts.googleapis.com/css?family=Cookie"
rel="stylesheet" type="text/css"> <title>My Account-Learn Java</title>

</head>

<style> body{ background-image: url('images/myaccount.jpg'); background-repeat: no-repeat; background-size:
100% 100%; color: white; } /* div { background-image: url('images/abc123.jpg'); } */ </style>

<body> <div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php">
<br> <h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a
href="index.php"><li>Home</li></a> <a href="about.php"><li>About Us</li></a> <a
href="testimonial.php"><li>Testimonial</li></a> <a href="blog.php"><li>Blog</li></a> <a
href="contact.php"><li>Contact</li></a> <a href="myaccount.php"><li>My Account</li></a> </ul> </div>
</div> <style> form { text-align: center; margin: 0 auto; } table { margin: 0 auto; } /* body{ background-image:
url('images/myaccount.jpg'); background-repeat: no-repeat; background-size: 1600px 900px; } */ </style> <div>
<br><br><br> <h1 style="text-align: center; color: white;">Registration Form</h1><br><br> </div> <br><br>
<form method="post" action="myaccount.php"> <table> <tr> <td>Username:</td> <td><input type="text"
name="username" class="form-control" required></td> </tr> <tr> <td>Email:</td> <td><input type="email"
name="email" class="form-control" required></td> </tr> <tr> <td>Password:</td> <td><input type="password"
name="password" class="form-control" required></td> </tr> <tr> <td>Password Again:</td> <td><input
type="password2" name="password2" class="form-control" required></td> </tr> <tr> <td><input
type="submit" name="register_btn" value="Register"></td> </tr> </table> </form>
<br>
<button onclick="window.location.href = 'login.php';" style="">Login here</button>
<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>
<footer class="footer-distributed"> <div class="footer-left">  <h3>Learn <span> Java</span></h3> <p
class="footer-links"> <a href="index.php">Home</a> | <a href="about.php">About Us</a> | <a
href="testimonial.php">Testimonial</a> | <a href="blog.php">blog</a> | <a href="contact.php">Contact</a> | <a
href="myaccount.php">My Account</a> </p> <p class="footer-company-name">© 2019 Yash Bhardwaj Industries
Pvt. Ltd.</p> </div> <div class="footer-center"> <div> <i class="fa fa-map-marker"></i> <p><span>D-xx Ranjeet
Nagar Near the D Block park</span> Bharatpur, Rajasthan - 321001</p> </div> <div> <i class="fa fa-phone"></i>
<p>+91 xxxxxxxxxx</p> </div> <div> <i class="fa fa-envelope"></i> <p><a href="mailto:XYZ@gmail.com?
subject=subject text">Send Email</a></p> </div> </div> <div class="footer-right"> <p class="footer-company-
about"> <span>About the company</span> We offer training and skill building courses across Technology, Design,
```

```

Management, Science and Humanities.</p> <div class="footer-icons"> <a href="#"><i class="fa fa-facebook"></i></a> <a href="#"><i class="fa fa-twitter"></i></a> <a href="#"><i class="fa fa-instagram"></i></a> <a href="#"><i class="fa fa-linkedin"></i></a> <a href="#"><i class="fa fa-youtube"></i></a>

</div>
</div>
</footer>
</body>
</html>

```

Login:--

```

<?php

session_start(); //connect to database;

$db = mysqli_connect("localhost", "root", "", "authentication");

if(isset($_POST['login_btn']) ) { $email = filter_input(INPUT_POST, 'email'); $password =
filter_input(INPUT_POST, 'password'); $password = md5($password); $sql = "SELECT * FROM users WHERE
email='$email' AND password='$password' "; $result = mysqli_query($db,$sql); if(mysqli_num_rows($result) ==
1) { $_SESSION['message'] = "You are logged in here."; $_SESSION['username'] = $username; header("location:
home.php"); } else { $_SESSION['message'] = "Your username or password are not correct."; } } /* $username =
mysql_real_escape_string($_POST['username']); $email = mysql_real_escape_string($_POST['email']); $password
= mysql_real_escape_string($_POST['password']); $password2 = mysql_real_escape_string($_POST['password2']); */
?>

<!DOCTYPE html>
<html>
<head>

<link rel="icon" href="images/java1.png">

<link href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link
rel="stylesheet" type="text/css" href="css/mystyle.css"> <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css"> <link
href="http://fonts.googleapis.com/css?family=Cookie" rel="stylesheet" type="text/css"> <title>Login-Learn
Java</title>

```

```

</head>

<style>
body{ background-image: url('images/myaccount.jpg'); background-repeat: no-repeat; background-size: 100% 100%; color: white; } /* div { background-image: url('images/abc123.jpg'); } */
</style>

<body>

<div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php"> <br>
<h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a href="index.php"><li>Home</li></a> <a href="about.php"><li>About Us</li></a> <a href="testimonial.php"><li>Testimonial</li></a> <a href="blog.php"><li>Blog</li></a> <a href="contact.php"><li>Contact</li></a> <a href="myaccount.php"><li>My Account</li></a> </ul> </div> </div> <style> form { text-align: center; margin: 0 auto; } table { margin: 0 auto; } /* body{ background-image: url('images/myaccount.jpg'); background-repeat: no-repeat; background-size: 1600px 900px; } */ </style> <div> <br><br><br> <h1 style="text-align: center; color: white;">Login Form</h1><br><br> <?php if(isset($_SESSION['message'])) { echo "<div id = 'error_msg'>".$_SESSION['message']."</div>"; unset($_SESSION['message']); } ?> <form method="post" action="login.php"> <table> <tr> <td>Email:</td> <td><input type="text" name="email" class="form-control" required></td> </tr> <tr> <td>Password:</td> <td><input type="password" name="password" class="form-control" required></td> </tr> <tr> <td></td> <td><input type="submit" name="login_btn" value="Login"></td> </tr> </table> </form>
<br>
<button onclick="window.location.href = 'myaccount.php';">Register here</button>
<br><br><br><br><br><br><br> <footer> <div class="footer-distributed"> <div class="footer-left">
 <h3>Learn <span> Java</span></h3> <p class="footer-links"> <a href="index.php">Home</a> | <a href="about.php">About Us</a> | <a href="testimonial.php">Testimonial</a> | <a href="blog.php">blog</a> | <a href="contact.php">Contact</a> | <a href="myaccount.php">My Account</a> </p> <p class="footer-company-name">© 2019 Yash Bhardwaj Industries Pvt. Ltd.</p> </div> <div class="footer-center"> <div> <i class="fa fa-map-marker"></i> <p><span>D-xx Ranjeet Nagar Near the D Block park</span> Bharatpur, Rajasthan - 321001</p> </div> <div> <i class="fa fa-phone"></i> <p>+91 XXXXXXXXXX</p> </div> <div> <i class="fa fa-envelope"></i> <p><a href="mailto:XYZ@gmail.com? subject=subject text">Send Eamil</a></p> </div> <div class="footer-right"> <p class="footer-company-about"> <span>About the company</span> We offer training and skill building courses across Technology, Design, Management, Science and Humanities.</p> <div class="footer-icons"> <a href="#"><i class="fa fa-facebook"></i></a> <a href="#"><i class="fa fa-twitter"></i></a> <a href="#"><i class="fa fa-instagram"></i></a> <a href="#"><i class="fa fa-linkedin"></i></a> <a href="#"><i class="fa fa-youtube"></i></a>
</div>
</div>
</footer>

</body>
</html>

```

Logout:---

```
<?php  
session_start();  
session_destroy();  
unset($_SESSION['username']);  
$_SESSION['message'] = "You are now logged out.";  
header("location: login.php");
```

```
?>
```

Home:--

```
<?php  
session_start();  
?>  
  
<!DOCTYPE html>  
<html>  
<head>  
    <title>Registration Form</title>  
    <link rel="stylesheet" type="text/css" href="style.css">  
</head>  
<body>  
  
<div class="header">  
    <h1>Registration Form</h1>  
</div>
```

```
<?php  
  
if(isset($_SESSION['message']))  
{  
    echo "<div id = 'error_msg'>".$_SESSION['message']."</div>";  
    unset($_SESSION['message']);  
}  
?>
```

```

<h4>You are logged in </h4>
<br>

We are redirecting you....<br><br><br>

<div>
    <button onclick="window.location.href = 'Logout.php';">Logout</button>
</div>

<?php
header( 'Refresh: 5; URL = myaccount.php' );

?>

</body>
</html>

```

Some Learning Pages:--

What is JDK:---

```

<!DOCTYPE html>

<html>
<head> <link rel="icon" href="images/java1.png"> <link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link rel="stylesheet"
type="text/css" href="css/mystyle.css"> <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css"> <link href="http://fonts.googleapis.com/css?family=Cookie"
rel="stylesheet" type="text/css">

<title>What is JDK: Learn Java</title> </head>

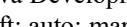
<body>

<div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php"> <br>
<h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a href="index.php"><li>Home</li></a> <a
href="about.php"><li>About Us</li></a> <a href="testimonial.php"><li>Testimonial</li></a> <a
href="blog.php"><li>Blog</li></a> <a href="contact.php"><li>Contact</li></a> <a
href="myaccount.php"><li>My Account</li></a> </ul> </div> </div> <section class="a111"> <br> <br> <br> <br>
<h1 style="text-align: center; font-size: xx-large;-large;">C vs Java vs C++</h1> <br><br><br><br> 
<br><br><br> <h2 class="blog_123" align="center"> C vs Java </h2> <p align="center"
class="intro_123"><br><br> The major difference between C vs Java Programming language is that Java is an
Object Oriented language and has a mechanism to define classes and objects in java. The features of C which are not
included in Java are: No unique statement keywords of C size and typedef. No data types such as struct and union.
Java does not define the type modifier keywords such as auto, extern, register, signed and unsigned. No support for
pointer type. Non-availability of preprocessor Java requires that the function with no argument must be declared

```

with empty parenthesis and with the void keyword. New Java operators such as instanceof and >>>. Java programming has labeled break and continue statements.

The main difference between c++ vs Java is that Java is a true Object-oriented language while C++ just adds an object-oriented extension to C. The increment operator in C++ indicates the same thing. The features listed below are intentionally omitted from Java language to make it better. No support for operator overloading. No template classes as in C++. A new feature called “interface” in Java programming and thus not supporting multiple inheritances. Java language does not support global variables. Java uses a finalize () function instead of the destructor function. There are no header files in Java programming.

The Java Development Kit (JDK) is an implementation of either one of the Java Platform, Standard Edition, Java Platform, Enterprise Edition, or Java Platform, Micro Edition platforms released by Oracle Corporation in the form of a binary product aimed at Java developers on Solaris, Linux, macOS or Windows. The JDK includes a private JVM and a few other resources to finish the development of a Java Application. Since the introduction of the Java platform, it has been by far the most widely used Software Development Kit (SDK). [citation needed] On 17 November 2006, Sun announced that they would release it under the GNU General Public License (GPL), thus making it free software. This happened in large part on 8 May 2007, when Sun contributed the source code to the OpenJDK.

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+91 XXXXXXXXX

[Send Eamil](mailto:XYZ@gmail.com)

About the company We offer training and skill building courses across Technology, Design, Management, Science and Humanities.

<#> <#> <#> <#> <#> <#>

</div>

</div>

</div>

</body>

</html>

What is JRE:--

```
<!DOCTYPE html>
<html>
<head>

<link rel="icon" href="images/java1.png"> <link
href="https://fonts.googleapis.com/css?family=Montserrat&display=swap" rel="stylesheet"> <link rel="stylesheet"
type="text/css" href="css/mystyle.css"> <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
```

```

awesome/4.2.0/css/font-awesome.min.css"> <link href="http://fonts.googleapis.com/css?family=Cookie"
rel="stylesheet" type="text/css"> <title>What is JRE: Learn Java</title> </head>

<body>
<div class="header" > <div class="inner_header"> <div class="logo_container"> <a href="index.php"> <br>
<h1>Learn <span>Java</span></h1> </div> <ul class="navigation"> <a href="index.php"><li>Home</li></a> <a
href="about.php"><li>About Us</li></a> <a href="testimonial.php"><li>Testimonial</li></a> <a
href="blog.php"><li>Blog</li></a> <a href="contact.php"><li>Contact</li></a> <a
href="myaccount.php"><li>My Account</li></a> </ul> </div> </div> <section class="a111"> <br> <br> <br> <br>
<h1 style="text-align: center; font-size: xx-large;">What is JRE? </h1> <br> <br> <br> <p class="intro_123"
align="center"> A software program needs to execute, and to do that it needs an environment to run in. The runtime
environment loads class files and ensures there is access to memory and other system resources to run them. In the
past, most software used the operating system (OS) as its runtime environment. The program ran inside whatever
computer it was on, but relied on operating system settings for resource access. Resources in this case would be
things like memory and program files and dependencies. The Java Runtime Environment changed all that, at least
for Java programs. The JRE smooths over the diversity of operating systems, ensuring that Java programs can run
on virtually any OS without modification. It also provides value-added services. Automatic memory management is
one of the JRE's most important services, ensuring that programmers don't have to manually control the allocation
and reallocation of memory. A Java Virtual Machine is a running software system responsible for executing live Java
programs. The JRE is the on-disk system that takes your Java code, combines it with the necessary libraries, and
starts the JVM to execute it. The JRE contains libraries and software that your Java programs need to run. As an
example, the Java class loader is part of the Java Runtime Environment. This important piece of software loads
compiled Java code into memory and connects the code to the appropriate Java class libraries. The JRE is not very
noticeable in the development stage, where it mostly just runs your programs in the OS or IDE of your choice. The
JRE plays a slightly more prominent role devops and systems administration because it's used for monitoring and
configuration. Basically, the JRE provides the "knobs" you would use to configure and control the characteristics of
a Java application. Memory usage is a prime example, the bread and butter of systems administration. While
memory usage is always important, it's vital in cloud configurations, and devops is a cloud-based technology. If
you're working in a devops environment, or interested in branching out into devops, it's a good idea to understand
how Java memory works and how it's monitored in the JRE. <br><br> </p>  <br><br> <p class="intro_123"
align="center"> The Java Runtime Environment (JRE), also known as Java Runtime, is the part of the Java
Development Kit (JDK) that contains and orchestrates the set of tools and minimum requirements for executing a
Java application. The JDK, along with the Java Virtual Machine (JVM) and the JRE, can be used by developers to
program and run Java applications. </p> <br><br> <p class="intro_123" align="center"> It includes a large number
of java development tools and java classes and methods. The Java development tools are part of the system known
as Java Development Kit (JDK) and the classes and the methods in Java are a part of the Java Standard Library
(JSL), also known as the Application Programming Interface (API). JRE is an acronym for Java Runtime
Environment. It is used to provide runtime environment to the Java code. The Java Runtime Environment provides
the minimum requirements for executing a Java application; it consists of the Java Virtual Machine (JVM), core
classes, and supporting files. Java Runtime Environment contains JVM, class libraries, and other supporting files. It
does not contain any development tools such as compiler, debugger, etc. Actually JVM runs the program, and it uses
the class libraries, and other supporting files provided in JRE. If you want to run any java program, you need to have
JRE installed in the system. </p> <br><br><br> <p align="center"> <a href="what_is_jvm.php"
class="button1234" style="text-align: center;">Read More</a> </p> <br> <br> <br> </section> <footer> <footer
class="footer-distributed"> <div class="footer-left">  <h3>Learn <span>
Java</span></h3> <p class="footer-links"> <a href="index.php">Home</a> | <a href="about.php">About Us</a> |
<a href="testimonial.php">Testimonial</a> | <a href="blog.php">blog</a> | <a href="contact.php">Contact</a> |
<a href="myaccount.php">My Account</a> </p> <p class="footer-company-name">© 2019 Yash Bhardwaj
Industries Pvt. Ltd.</p> </div> <div class="footer-center"> <div> <i class="fa fa-map-marker"></i> <p><span>D-
xx Ranjeet Nagar Near the D Block park</span> Bharatpur, Rajasthan - 321001</p> </div> <div> <i class="fa fa-
phone"></i> <p>+91 xxxxxxxxxx</p> </div> <div> <i class="fa fa-envelope"></i> <p><a href="mailto:XYZ@gmail.com? subject=subject text">Send Email</a></p> </div> </div> <div class="footer-
right"> <p class="footer-company-about"> <span>About the company</span> We offer training and skill building
courses across Technology, Design, Management, Science and Humanities.</p> <div class="footer-icons"> <a
href="#"><i class="fa fa-facebook"></i></a> <a href="#"><i class="fa fa-twitter"></i></a> <a href="#"><i

```

```

class="fa fa-instagram">></i></a> <a href="#"><i class="fa fa-linkedin"></i></a> <a href="#"><i class="fa fa-youtube"></i></a>
</div>
</div>
</footer>
</body>

</html>
```

Insert:---

```

<!DOCTYPE html>
<html>

<?php

$firstname = filter_input(INPUT_POST, 'firstname');
$lastname = filter_input(INPUT_POST, 'lastname');
$mobile = filter_input(INPUT_POST, 'mobile');
$email = filter_input(INPUT_POST, 'email');
// $subject = filter_input(INPUT_POST, 'subject');

if (!empty($firstname)){
if (!empty($lastname)){
if (!empty($mobile)){
if (!empty($email)){

$host = "localhost";
$dbusername = "root";
$dbpassword = "";
$dbname = "test1";
// Create connection
$conn = new mysqli ($host, $dbusername, $dbpassword, $dbname);
if (mysqli_connect_error()){
die('Connect Error ('. mysqli_connect_errno(). ') '
. mysqli_connect_error());
}
else{
$sql = "INSERT INTO account (firstname, lastname, mobile, email)
values ('$firstname', '$lastname', '$mobile', '$email')";
```

```

if ($conn->query($sql)){
//echo "Thanks for Contact us.";
//echo "<br>";
//echo "We will contact you...";
//echo "<br><br><br><br>";
//echo "We will redirecting you to the page...";

echo "<body style='background: url(images/thankyou.jpg);'>";

echo '<span style="color:#AFA; text-align:center; ">Thank you for submit the request.</span><br><br>';
echo '<span style="color:#AFA; text-align:center; ">We will contact you.</span><br><br>';
echo '<span style="color:#AFA; text-align:center; ">We will redirecting you to the contact
page..again</span><br><br>';

header( 'Refresh: 5; URL=contact.php' );
//header( 'location: contact.html' ) ;

}

else{
echo "Error: ". $sql ."
". $conn->error;
}
$conn->close();
}

else{
echo "Password should not be empty";
die();
}
}else
echo " Mobile should not be empty.";
die();
}
}

?>

</html>

```

DATABASE:--

```
-- phpMyAdmin SQL Dump
-- version 4.7.9
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Dec 08, 2019 at 01:12 PM
-- Server version: 10.1.31-MariaDB
-- PHP Version: 7.2.3

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `test1`
--

-----
-- Table structure for table `account`
--

CREATE TABLE `account` (
  `id` int(11) NOT NULL,
  `firstname` varchar(20) NOT NULL,
  `lastname` varchar(20) NOT NULL,
  `mobile` varchar(10) NOT NULL,
  `email` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Indexes for dumped tables
--

--
-- Indexes for table `account`
--

ALTER TABLE `account`
  ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `account`
--

ALTER TABLE `account`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;
COMMIT;
```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

CHAPTER 6: Conclusion

ONLINE Learn Java Website is an online Website for providing education to the students. By using this Website user can easily upgrade their programming skills. In this Website different types of users can access this Website.

CHAPTER 7: Proposed Enhancements

The following new features can be included in Learn Java Website to provide better services to its user are:

- Utmost care, back up procedure and recovery of database may assure 100% success during system failure.
- It can be extended for the online.
- All categories can be done online.
- New users can be added.

Reference

The Learn Java Website is an educational website that used providing the knowledge of Java. Admin can manage website, Java Programming topics and other configurations such as Programs and managing database from admin panel on the web and users will be able to see the website from mobile devices.

Bibliography

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- Beginning PHP 5.3 by Matt Doyle
- www.google.com
- www.wikipedia.com
- www.w3school.com
- Informatics practices by Sumita Arora
- Head First PHP & MySQL by Lynn Beighley and Micheal Morrison(O'Reilly)