**LAB NO. 1 : Write HTML/Java scripts to display your CV in navigator, your Institute Website, Departmental Website and Tutorial Website for specific subject.**

**CV**

**Program:**

<!DOCTYPE html>

<html lang="en">

 <head>

 <meta charset="UTF-8">

 <meta http-equiv="X-UA-Compatible" content="IE=edge">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 <title>Resume</title>

 <style>

 p{

 color: rgb(4, 0, 7);

 }

 </style>

 </head>

 <body>

 <h1 align="center">ATEEN DUBEY</h1>

 <img align="right" src="28184.jpg" height="200px">

 <u align="center">COMPUTER SCIENCE AND ENGINEERING MAJOR</u>

 <br>

 <i align="center">(SOFTWARE DEVELOPER)</i>

 <p>Cell: 8808643848</p>

 <p>Mail: ateendubey@gmail.com</p>

 <p>Language: English,Hindi</p>

 <p>An independent and self-motivated who is currently graduating and looking for an internship

 in the coding department where I can utilize the extensive knowledge</p>

 <p align="center"> I am gaining from my course !!

 </p>

 <hr>

 <dl>

 <h2>EDUCATION</h2>

 <dd>

 <h2>Bachelors in Computer Science and Engineering</h2>

 <B>Pranveer Singh Institute of Technology</B>

 <p>(11/20-PRESENT)</p>

 <p>~Graduating in 2024</p>

 <h2>Intermediate and High School</h2>

 <B>St. Anthony's Sr Sec School Fatehgarh Cantt</B>

 <p>(2018-2020)</p>

 <p>~Science stream with Mathematics and Computer Science</p>

 </dl>

 <hr>

 <dl>

 <h2>SKILLS</h2>

 <dd>

 <h2>Office Skills</h2>

 <li>Time management

 <li>Leadership

 <li>Adaptable

 <li>Teamwork

 <li>Creative

 <h2>Technical skills</h2>

 <li>C<li>C++<li>Python<li> HTML/CSS<li>DBMS<li>Problem Solving<li> DSA<li>

Competitive Programming

 </dl>

 <hr>

 <dl>

 <h2>PROJECTS</h2>

 <li>Computer Aided Heart Segmentation using CT Images

 <li>Waste Management System - For smart cities

 <li>Chess

 <li>World Heritage Site(development site)

 </dl>

 <hr>

 <h3 align="center">THANK YOU</h3>

 </html>

</BODY>

**Institute Website**

**Program:**

<!DOCTYPE html>

<html lang="en">

 <head>

 <meta charset="UTF-8">

 <meta http-equiv="X-UA-Compatible" content="IE=edge">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 <link rel="stylesheet" href="main.css">

 <title>Institue website</title>

 <style>

 p{

 color: rgb(4, 0, 7)

 }

 div{

 color:azure

 }

 </style>

 </head>

 <body>

 <dl1>

 <h1 align="center">PRANVEER SINGH INSTITUE OF TECHNOLOGY</h1>

 <br>

 <h2 align="center">Welcome to PSIT Kanpur</h2>

 <p align="center">The institute provides a stimulating environment for intellectual development,

free-thinking, and personal growth. The academic setup challenges its students with dynamic learning

opportunities. We equip them with the skills, insights, attitudes, and practical experiences to take up

responsibilities in their careers and life</p>

 <p align="center">PSIT owes its commitment to excellence to its illustrious faculty. A stringent

selection process of faculty members is the cornerstone of our success. The exceptionally talented and

seasoned teaching fraternity motivates the students to push boundaries and become the best versions of

themselves.</p>

 <p align="center">PSIT prepares its students to establish themselves in their chosen field of

academics with an aim to develop well-rounded and discerning citizens.</p>

 <br>

 <img align="center" src="https://www.psit.ac.in/assets/webp/home/slider/Slider-for-Desktop/psit-desktop-slider-(4).webp" height="250px" alt="ATEEN DUBEY">

 <img align="center" src="https://www.psit.ac.in/assets/webp/home/psit-kanpur-aerial-view.webp" height="250px" alt="ATEEN DUBEY">

 <img align="center" src="https://www.psit.ac.in/assets/webp/home/slider/Slider-for-Desktop/psit-desktop-slider-(6).webp" height="250px" alt="ATEEN DUBEY">

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 </dl1>

 <dl2>

 <img align="left" src="https://www.psit.ac.in/assets/webp/institute/Vision\_Mission/vision-mission.webp" height="250px" >

 <h2 align="center">VISION</h2>

 <li align="center">To achieve excellence in professional education and create an ecosystem for

the holistic development of all stakeholders.</li>

 <br><br><br><br><br><br><br><br><br><hr><br><br>

 </dl2>

 <dl3>

 <img align="left"src="https://www.psit.ac.in/assets/webp/home/slider/Slider-for-Desktop/psit-desktop-slider-(9).webp"

height="250px" alt="ATEEN DUBEY">

 <h2 align="center">MISSION</h2>

 <li align="center">To provide an environment of effective learning and innovation transforming

students into dynamic, responsible and productive professionals in their respective fields, who are capable

of adapting to the changing needs of the industry and society.</li>

 <br><br><br><br><br><br><br><br><hr><hr>

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 <dl>

 <br>

 <img align="left"src="psit1.jpg" height="550px" alt="ATEEN DUBEY">

 <h2 align="center">ABOUT THE INSTITUE...</h2>

 <br>

 <p align="center">Since its inception in 2004, PSIT has been a frontrunner in the field of </p>

 <p align="center">education with numerous achievements to its name. PSIT believes in

strengthening the </p>

 <p align="center">foundation of the students. Academic research based on rigorous pedagogy

equips our students</p>

 <p align="center">to face challenges in the real world. The institute prepares students to be ethical

leaders in </p>

 <p align="center">a diverse and complex world. PSIT offers various courses in Engineering,

Pharmaceutical</p>

 <p align="center">Sciences, Business Management and Computer Applications. All departments,

with their dynamic </p>

 <p align="center">community of students and distinguished faculty, offer premium undergraduate

and postgraduate</p>

 <p align="center">programs. State of the art facilities and a sprawling 80 acres campus nestled

amid sylvan </p>

 <p align="center">surroundings accelerate the learning process.</p>

 <br>

 <p align="center">The PSIT campus is an architectural marvel. Designed as the best

environment-friendly campus</p>

 <p align="center">in North India, we are committed to providing our students a clean and healthy

environment. </p>

 <p align="center">A 25,000 Ltr RO Plant, a 1350 KW Power Plant and a three-chambered

Vermicompost Plant reaffirm </p>

 <p align="center">our commitment to the cause...</p>

 </dl>

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 <br>

 <h2 align="center">STUDENT CLUBS</h2>

 <p align="center">PSIT encourages its students to become actively involved in club

activities.</p>

 <p align="center"> involvement of students in these activities can help them in gaining experience

in technology,</p>

 <p align="center"> teamwork, leadership, organization and so on...</p>

 <br>

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 <div>

 <img src="https://www.psit.ac.in/assets/webp/club/ALGO.webp" height="190px" >

 <img src="https://www.psit.ac.in/assets/webp/club/ARYABHATA.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/BASTION.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/DISHA.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/ENERGY.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/INGENIOUS.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/IOT%20CLUB.webp" height="190px">

 <img src="https://www.psit.ac.in/assets/webp/club/MAVERICK.webp" height="190px">

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 <h2 align="center">ENGINEERING</h2>

 <p align="center">(Affiliated to Dr.APJ AKTU,Lucknow,AICTE Approved)</p>

 <p align="center"> CS,CS(AI),CS(AI & ML),CS(IOT),CS(DS),CS(Cyber Security)AI & ML,AI

& DS,IT,ECE</p>

 <br><p align="center">.......................................................................................................</p><br>

 </div>

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 <br>

 <h2 align="center">PHARMACY</h2>

 <p align="center">(Affiliated to Dr.APJ AKTU,Lucknow,AICTE Approved)</p>

 <p align="center"> D.PHARM,B.PHARM,M.PHARM</p>

 <br><p align="center">.......................................................................................................</p><br>

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 <h2 align="center">MANAGEMENT</h2>

 <p align="center">(Affiliated to Dr.APJ AKTU,Lucknow,AICTE Approved)</p>

 <p align="center"> MBA</p>

 <br><p align="center">.......................................................................................................</p><br>

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 <br>

 <h2 align="center">COMPUTER APPLICATION</h2>

 <p align="center">(Affiliated to Dr.APJ AKTU,Lucknow,AICTE Approved)</p>

 <p align="center"> MCA</p>

 <br><p align="center">.......................................................................................................</p><br>

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 <br>

 <h2 align="center">PROGRAMS OFFERED IN SISTER INSTITUTION</h2>

 <p align="center">(Affiliated to CSJM UNIVERSITY,KANPUR,UGC APPROVED)</p>

 <p align="center"> BBA</p>

 <p align="center"> BCA</p>

 <br><p align="center">.......................................................................................................</p><br>

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 <img align="right"src="https://www.psit.ac.in/assets/psitpic/engi\_5.jpg" height="350px"

alt="ATEEN DUBEY">

 <h2 align="center">ENGINEERING...</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br><p align="center">Engineering programs at PSIT, Kanpur do more than just develop worldclass engineers and scientists. We nurture these bright minds to grow into pioneers with a global

perspective, technical expertise, and leadership skills to bring a change in the world.</p><br>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br><br><br><br>

 <h2 align="center">DEPARTMENTS</h2>

 <p align="center">Department of Computer Science and Engineering (CSE)</p>

 <p align="center">Department of Information Technology (IT)</p>

 <p align="center">Department of Electronics and Communication Engineering (ECE)</p>

 <p align="center">Department of Electrical and Electronics Engineering </p>

 <p align="center">Department of Mechanical Engineering </p>

 <br>

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 <img

align="right"src="https://psitcoe.ac.in/assets/Uploading/1653733256\_df52bb8dfd29da6fb6ea.jpg"

height="350px" alt="ATEEN DUBEY">

 <h2 align="center">The Department of Computer Science and Engineering (CSE)</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br>

 <p align="center">The Department of the Computer Science and Engineering at PSIT was formed

in 2004 with an initial intake of 60 students. Ever since its inception, the department has seen tremendous

growth in terms of academics, higher education, research & innovation. Thus laying stepping stones of

100% admissions and at present the sanctioned intake for B.Tech in CSE is 300 and 18 for M.Tech.</p>

 <p align="center"> The department of Computer Science and Engineering is dedicated to

provide high-quality undergraduate and postgraduate education to the students to prepare them for prolific

careers. The Vision of the Department is to be a recognised department that fosters versatile computer

engineers capable of adapting to the changing needs of computer and related industry.</p>

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 <img

align="right"src="https://psitcoe.ac.in/assets/Uploading/1649496472\_8f5ff8c82f19dfc56d42.jpg"

height="250px">

 <h2 align="center">The Department of Information Technology (IT)</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br>

 <p align="center">A career in Information Technology can involve working in leading IT

departments, product development teams, or research groups. In this field,the job requires a combination

of both technical and business skills to attain success.</p>

 <p align="center">Department of IT is committed to making the best use of modern technology

within the organization to help improve quality of services for ordinary people. It also guides on technical

matters to the departments and supporting them along with the IT road map.</p>

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 <img align="right"src="https://psitcoe.ac.in/assets/Uploading/1657536903\_7c5f1fa0132ef1f56c39.jpg"

height="250px ">

 <h2 align="center">The Department of Electronics & Communication Engineering</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br>

 <p align="center">The department of Electronics & Communication Engineering has seen

tremendous growth in terms of academics, higher education, research & innovation. The Department has

state-of-the-art educational assistances, visual laboratories and skilled faculty ensuring active teachinglearning process to see the constantly growing and changing industrial and business environment. The

entire culture of the learning process is designed in a way to continuously challenge the young minds with

ideas with innovative research.</p>

 <br><br><hr>

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 <img

align="right"src="https://psitcoe.ac.in/assets/Uploading/1654596084\_1503b3d396ed48d277c8.jpg"

height="250px">

 <h2 align="center">The Department Of Electrical & Electronics Engineering</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br>

 <p align="center">The Department of Electrical and Electronics Engineering typically deals with

the study and application of electricity, electronics, and electromagnetism. It also deals with many of the

real problems facing our world today. This field deals with every aspect of handling information from

sensing and acquisition through communications, networking, switching, processing and storage. The

Department of Electrical & Electronics Engineering at PSIT was established in 2004. The main objective

of the department is to offer value-added educational experience through quality instruction that prepares

graduates for a range of career opportunities in today`s world.</p>

 <br><br> <hr>

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 <img

align="right"src="https://psitcoe.ac.in/assets/Uploading/1653561867\_c78888f9f7dc9a71a5a2.jpg"

height="250px”>

 <h2 align="center">The Department Of Mechanical Engineering</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br>

 <p align="center">The department of mechanical engineering of PSIT started with the

commencement of the institute in 2004. The department is a well-knit unit comprising well-versed faculty

from reputed institutes. Laboratories and workshops are well equipped with state-of-the-art rigs, through

which we strive to provide the undergraduates with holistic know-how of the trade.</p>

 <p align="center"> - Material Science and Testing,</p>

 <p align="center"> - Thermodynamics Lab</p>

 <p align="center"> - RAC Lab (Refrigeration and Air Conditioning Lab)</p>

 <p align="center"> - FM (Fluid Mechanics)</p>

 <p align="center"> - Fluid Machinery Lab</p>

 <p align="center"> - TOM Lab (Theory of Machines Lab)</p>

 <p align="center"> - HMT Lab (Heat and Mass Transfer Lab)</p>

 <p align="center">- CAD/ CAM Lab</p>

 <br>

 </div>

 <h2 align="center">THANKYOU FOR VISITING THIS WEBSITE</h2>

 <br>

 <p align="center">Address : Pranveer Singh Institute Of Technology, Kanpur - Agra - Delhi

National Highway (NH-19) , Bhauti - Kanpur - 209305

 </p>

 <p align="center">Toll Free / Help Line : 7670998888</p>

 <p align="center">Email : admission@psit.ac.in</p>

 <br>

</body>

**Tutorial Website**

<!DOCTYPE html>

<html lang="en">

 <head>

 <meta charset="UTF-8">

 <meta http-equiv="X-UA-Compatible" content="IE=edge">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 <link rel="stylesheet" href="main.css">

 <title>tutorial website</title>

 <style>

 p{

 color: rgb(4, 0, 7);

 }

 div{

 color:azure

 }

 dl{

 color: black

 }

 </style>

 </head>

 <body>

 <h3 align="center">SOFTWARE DEVELOPMENT</h3>

 <h1 ALIGN="center"> WEB TECHNOLOGIES</h1>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <br><br>

 <img align="right" src="https://www.chachinggroup.com/blog/wp-content/uploads/2017/08/webtechnology.png" height="260px">

 <p align="center">Web development comes with a huge set of rules and techniques every website

developer should know about. If you want a website to look and function as you wish them to, you need

to get familiar with web technologies that will help you achieve your goal.</p>

 <p align="center">Developing an app or a website, even something simple as a bakery website,

typically comes down to knowing 3 main languages: JavaScript, CSS, and HTML. And while it sounds

quite complicated, once you know what you are doing, understanding web technology and the way it

works becomes significantly easier.Since computers can’t communicate with each other the way people

do, they require codes instead. Web technologies are the markup languages such as HTML, XML, and

XHTML and multimedia packages computers use to communicate.</p>

 <p>The most important web technologies include:</p>

 <dd>

 <li>BROWSER</li>

 <li>HTML & CSS</li>

 <li> WEB DEVELOPMENT FRAMES</li>

 <li>PROGRAMMING LANGUAGES</li>

 </dd><hr><br>

 <div>

 <br>

 <h2 align="center">BROWSER</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <p align="center">Browsers request information and then they show us in the way we can

understand. Think of them as the interpreters of the web.</p>

 <p> Here are the most popular ones:</p>

 <dd>

 <li> Google Chrome – Currently, the most popular browser brought to you by Google</li>

 <li>Safari– Apple’s web browser</li>

 <li>Internet Explorer – Microsoft’s browser</li>

 <li>Firefox – Open-source browser supported by the Mozilla Foundation</li>

 </dd><br><br>

 <dl>

 <br><br>

 <img align="left" src="https://www.google.com/chrome/static/images/chrome-logo\_112px.svg" height="200px">

 <h2 align="center">1. Google Chrome</h2>

 <p align="center">Today, Google Chrome has become the most used web browsers in the

world. Google Chrome was released in the year 2008 as a freeware that was written in C++. The browser

is known for its performance, ease of use, syncing with Google database, security, great support for

WebKit, HTML5, CSS3, and other latest web standards</p>

 <p align="center"> Even though the most used operating system is Windows that comes preinstalled with Internet Explorer, people have moved towards other high quality web browsers such as

Google Chrome and Mozilla Firefox. Google Chrome has a usage percentage of close to 50 percent</p>

 <br><br>

 </dl><hr><dl>

 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/a/a0/Firefox\_logo%2C\_2019.svg/1200px-Firefox\_logo%2C\_2019.svg.png" height="200px">

 <h2 align="center">2. Firefox</h2>

 <p align="center">Firefox is the second most popular web browser in the world. Firefox is a

freeware from Mozilla organization that was released in the year 2002 by the name ―Phoenix‖. Even

during its first release, Firefox proved to be a fast and secure browser by its testers and users. Mozilla

Firefox is supported on OS such as Windows, Android, and iOS, Linux, Firefox OS and OS X. As of

2015, Firefox is the second most popular web browser in the world with a usage percentage of more than

11 percent. In certain countries still Firefox is the most popular desktop browser.s</p>

 <p align="center"> Some of the main features of the browser include location-aware browsing,

spell checking, incremental find, Firebug for debugging and live bookmarking.</p>

 <br><br>

 </dl> <hr><dl>

 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/1/18/Internet\_Explorer\_10%2B11\_logo.svg/640px-Internet\_Explorer\_10%2B11\_logo.svg.png" height="200px">

 <h2 align="center">4. Internet Explorer</h2>

 <p align="center">As Windows Operating System is the most popular desktop Operating

System in the world, Internet Explorer or simply IE is the default browser in Windows making this

browser the fourth most popular and used browser in the world. This browser is not free as it requires a

Windows license to use. The Internet Explorer today has added new features to support the latest web

technologies.</p>

 <p align="center"> It is semi active browser for Windows and remains discontinued for Unix

and Mac. The UI of the browser been considerably improved when compared to its older versions. Now

the browser is fast and smooth. The only downfall of Internet Explorer is even today is that some

advanced features are not supported whereas such advanced web features are supported on Chrome and

Firefox</p>

 <br><br>

 </dl> <hr><dl>

 <br><br>

 <img align="left" src="https://e7.pngegg.com/pngimages/397/51/png-clipart-safari-computer-icons-ios-7-web-browser-safari-blue-angle.png" height="200px">

 <h2 align="center">4. Safari</h2>

 <p align="center">Safari web browser is a freeware browser from the Apple Inc. Safari is the

default web browser in Mac computers and in OS X and iOS Operating Systems. Safari was released in

the year 2003. A version of the browser is available for Windows Operating System as well. Today,

Safari is popular because of Apple products.</p>

 <p align="center">The web browser has some awesome iOS specific features such as printing

the current web page using AirPrint and MDI-style browsing.</p>

 <br><br>

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 <h2 align="center">HTML and CSS</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <p align="center">HTML is one of the first you should learn. Thanks to HTML, the web browsers

know what to show once they receive the request. If you want to better understand how HTML works,

you also need to know what CSS is.</p>

 <p align="center"> CSS stands for Cascading Style Sheets and it describes how HTML elements

are to be displayed on the screen. If you browse enough tutorials, you’ll soon create CSS text effects,

page transitions, image hover effects, and more. </p>

 <br><br><dl>

 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/6/61/HTML5\_logo\_and\_wordmark.svg/180px-HTML5\_logo\_and\_wordmark.svg.png" height="200px">

 <h2 align="center">HTML</h2>

 <p align="center">HTML is the language for describing the structure of Web pages. HTML

gives authors the means to:</p>

 <dd>

 <li>Publish online documents with headings, text, tables, lists, photos, etc.</li>

 <li>Retrieve online information via hypertext links, at the click of a button.</li>

 <li>Design forms for conducting transactions with remote services, for use in searching for

information, making reservations, ordering products, etc</li>

 </dd>

 <p align="center">The HyperText Markup Language or HTML is the standard markup

language for documents designed to be displayed in a web browser. It is often assisted by technologies

such as Cascading Style Sheets and scripting languages such as JavaScript.</p>

 <br><br>

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 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/d/d5/CSS3\_logo\_and\_wordmark.svg/1200px-CSS3\_logo\_and\_wordmark.svg.png" height="200px">

 <h2 align="center">CSS</h2>

 <p align="center">CSS is the language for describing the presentation of Web pages, including

colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large

screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based

markup language. The separation of HTML from CSS makes it easier to maintain sites, share style sheets

across pages, and tailor pages to different environments. This is referred to as the separation of structure

(or: content) from presentation</p>

 <p align="center" >CSS is designed to enable the separation of content and presentation,

including layout, colors, and fonts. separation can improve content accessibility; provide more flexibility

and control in the specification of presentation characteristics; enable multiple web pages to share

formatting by specifying the relevant CSS in a separate.css file, which reduces complexity and repetition

in the structural content; and enable the .css file to be cached to improve the page load speed between the

pages that share the file and its formatting</p>

 <br><br>

 </dl><hr><br>

 </div>

 <div>

 <br>

 <h2 align="center">WEB DEVELOPMENT FRAMES</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <p align="center">Web development frameworks are a starting point of items that a developer can

use to avoid doing the simple or mundane tasks, and instead get right to work. These include: </p>

 <dd>

 <li>Angular</li>

 <li>Ruby on Rails</li>

 <li>YII</li>

 <li>Meteor JS</li>

 <li>Express.js</li>

 <li>Zend</li>

 </dd>

 <br><br><dl>

 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/c/cf/Angular\_full\_color\_logo.svg/1200px-Angular\_full\_color\_logo.svg.png" height="200px">

 <h2 align="center">ANGULAR</h2>

 <p align="center">Angular is one of the latest web technologies designed specifically for

developing dynamic web applications. With this framework, you can easily create front-end based

applications without needing to use other frameworks or plugins. The features include well-made

templates, MVC architecture, code generation, code splitting etc. All the expressions are like code

snippets that enclosed within curly braces and do not use any loops or conditional statements.</p>

 <p align="center">If you would like to start using Angular or to just quickly evaluate if this

framework would be the right solution for your projects, you can check out this 3-hour training, published

in June 2019 by Justin Schwartzenberger, a Google Developer Expert. This course covers everything

that’s necessary to start using Angular, from basic architecture, work with DOM, data binding, routing,

and components, to more advanced topics such as directives and pipes.</p>

 <br><br>

 </dl><hr><br><dl>

 <br><br>

 <img align="left"

src="https://w7.pngwing.com/pngs/782/228/png-transparent-ruby-on-rails-rubygems-amazon-dynamodb-ruby-text-logo-ruby-thumbnail.png"

height="200px">

 <h2 align="center">Ruby on Rails</h2>

 <p align="center">Ruby on Rails is a server-side website technology that makes app

development much easier and faster. The thing that really sets this framework apart is the reusability of

the code as well as some other cool features that will help you get the job done in no time.</p>

 <p align="center">In the process of learning Ruby on Rails, you will end up learning a little

about JavaScript, HTML/CSS, and Ruby programming languages. However, if you were to start learning

any of these programming languages, you will not learn anything about Ruby on Rails.</p>

 <br><br>

 </dl><hr><br><dl>

 <br><br>

 <img align="left" src="https://lwfiles.mycourse.app/meteor-software-public/d9df04220320d0d50cecaf3407e06354.png" height="200px">

 <h2 align="center">METEOR JS</h2>

 <p align="center">Meteor JS is written in Node.js and it makes it possible for you to create

real-time web applications for different platforms. The framework for creating simple websites for

personal use really stands out with Meteor JS.</p>

 <p align="center">This is an open-source isomorphic JavaScript web framework which also

means that the webpage loading time is significantly shorter. JavaScript stack also makes it possible to get

the same results with fewer lines of code than usual.</p>

 <br><br>

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 </div>

 <div>

 <br>

 <h2 align="center">PROGRAMMING LANGUAGES</h2>

 <p align="center">\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</p>

 <p align="center">As we explained before, since computers don’t use languages that are anything

like human languages, they need a different way to communicate. Here are some of the most popular

programming languages: </p>

 <dd>

 <li>Javascript – used by all web browsers, Meteor, and lots of other frameworks</li>

 <li>CoffeeScript – a ―dialect‖ of JavaScript. It is viewed as simpler but it converts back into

JavaScript</li>

 <li>Python – used by the Django framework as well as in the majority of mathematical

calculations</li>

 <li>Ruby – used by the Ruby on Rails framework</li>

 <li>PHP – used by WordPress to create those WYSIWYG editors that everyone is using

now. It’s also used by Facebook, Wikipedia, and other major sites</li>

 <li>Go – newer language, built for speed</li>

 </dd><br><br><dl>

 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/6/6a/JavaScript-logo.png/800px-JavaScript-logo.png" height="200px">

 <h2 align="center">JAVASCRIPT</h2>

 <p align="center">According to StackOverflow’s annual survey, JavaScript is the most popular

programming language with 62.5% of respondents claiming to use it.</p>

 <p align="center">It is one of the core web technologies and if you want to learn more about it,

you can start with this essential training that covers all the basics, working with functions and objects,

interacting with DOM, etc. This course is recent – from April 2019 – Javascript evolves quickly, so it

makes sure you leverage the newest language ―perks‖ as you learn.</p>

 <br><br>

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 <br><br>

 <img align="left" src="https://upload.wikimedia.org/wikipedia/commons/thumb/7/73/Ruby\_logo.svg/1200px-Ruby\_logo.svg.png" height="200px">

 <h2 align="center">RUBY</h2>

 <p align="center">The developers love Ruby – and for all the right reasons. Designed to be

user-friendly and really easy to use, it’s no wonder that this programming language is often called ―a

programmer’s best friend. What you can expect from Ruby is a shorter, readable code. Unfortunately, that

sometimes means lower efficiency compared to other programming languages – but it also means higher

productivity.</p>

 <p align="center">If you are a beginner in the web development world, Ruby would be a great

choice for the first programming language to learn. A well-written Ruby code can be almost as readable

as the sentence in plain English language. But the real reason most people use Ruby is its popular

framework — Ruby on Rails which we mentioned earlier in the text. The great productivity achieved with

Rails makes it a common choice for startups who aim for a running start.</p>

 <br><br>

 </dl><hr><br>

 </div>

 <h3 <p align="center">THANKYOU FOR VISITING THIS WEBSITE</h3>

 <h2 <p align="center">Hope you learned well!!!</h2>

 <br><br>

</body

**LAB NO. 2 Write an HTML program to design an entry form of student details.**

**Program:**

<html>

<head>

<title>STUDENT RESGISTRATION FORM</title>

<style>

h2{

 background-color: rgb(43, 3, 66);

font-family:'Times New Roman', Times, serif;

font-size: 24px;

font-style: normal;

font-weight: bold;

color: rgb(182, 165, 252);

text-align: center;

text-decoration: underline

}

table{

font-family: verdana;

color:rgb(3, 3, 3);

font-size: 16px;

font-style: normal;

font-weight: bold;

background: linear-gradient(to bottom, #73ffb9 0%, #fd7faf 100%);

border-collapse: collapse;

border: 4px solid #000000;

border-style: hidden;

}

body{

 background-color: rgb(182, 165, 252);

}

table.inner{

border: 10px

}

input[type=text], input[type=email], input[type=number]{

width: 50%;

padding: 6px 12px;

margin: 5px 0;

box-sizing: border-box;

}

input[type=submit], input[type=reset]{

width: 15%;

padding: 8px 12px;

margin: 5px 0;

box-sizing: border-box;

}

</style>

</head>

<body>

<h2>STUDENT RESGISTRATION FORM</h3>

<table align="center" cellpadding = "10">

<!--------------------- First Name ------------------------------------------>

<tr>

<td>First Name</td>

<td><input type="text" name="FirstName" maxlength="50" placeholder="Ateen" />

</td>

</tr>

<!------------------------ Last Name --------------------------------------->

<tr>

<td>Last Name</td>

<td><input type="text" name="LastName" maxlength="50" placeholder="Dubey"/>

</td>

</tr>

<!-------------------------- Email ID ------------------------------------->

<tr>

<td>Email ID</td>

<td><input type="email" name="EmailID" maxlength="100" placeholder="ateendubey@gmail.com"/></td>

</tr>

<!-------------------------- Mobile Number ------------------------------------->

<tr>

<td>Mobile Number</td>

<td>

<input type="text" name="MobileNumber" maxlength="10" placeholder="8808xxxxxx"/>

(10 Digits Allowed)

</td>

</tr>

<!---------------------- Gender ------------------------------------->

<tr>

<td>Gender</td>

<td>

<input type="radio" name="Gender" value="Male" />

Male

<input type="radio" name="Gender" value="Female" />

Female

</td>

</tr>

<!--------------------------Date Of Birth----------------------------------->

<tr>

<td>Date of Birth(DOB)</td>

<td>

<select name="BirthDay" id="Birthday\_Day">

<option value="-1">Day:</option>

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

<option value="11">11</option>

<option value="12">12</option>

<option value="13">13</option>

<option value="14">14</option>

<option value="15">15</option>

<option value="16">16</option>

<option value="17">17</option>

<option value="18">18</option>

<option value="19">19</option>

<option value="20">20</option>

<option value="21">21</option>

<option value="22">22</option>

<option value="23">23</option>

<option value="24">24</option>

<option value="25">25</option>

<option value="26">26</option>

<option value="27">27</option>

<option value="28">28</option>

<option value="29">29</option>

<option value="30">30</option>

<option value="31">31</option>

</select>

<select name="BirthdayMonth" id="Birthday\_Month">

<option value="-1">Month:</option>

<option value="January">Jan(1)</option>

<option value="February">Feb(2)</option>

<option value="March">Mar(3)</option>

<option value="April">Apr(4)</option>

<option value="May">May(5)</option>

<option value="June">Jun(6)</option>

<option value="July">Jul(7)</option>

<option value="August">Aug(8)</option>

<option value="September">Sep(9)</option>

<option value="October">Oct(10)</option>

<option value="November">Nov(11)</option>

<option value="December">Dec(12)</option>

</select>

<select name="BirthdayYear" id="Birthday\_Year">

<option value="-1">Year:</option>

<option value="2019">2019</option>

<option value="2018">2018</option>

<option value="2017">2017</option>

<option value="2016">2016</option>

<option value="2015">2015</option>

<option value="2014">2014</option>

<option value="2013">2013</option>

<option value="2012">2012</option>

<option value="2011">2011</option>

<option value="2010">2010</option>

<option value="2009">2009</option>

<option value="2008">2008</option>

<option value="2007">2007</option>

<option value="2006">2006</option>

<option value="2005">2005</option>

<option value="2004">2004</option>

<option value="2003">2003</option>

<option value="2002">2002</option>

<option value="2001">2001</option>

<option value="2000">2000</option>

<option value="1999">1999</option>

<option value="1998">1998</option>

<option value="1997">1997</option>

<option value="1996">1996</option>

<option value="1995">1995</option>

<option value="1994">1994</option>

<option value="1993">1993</option>

<option value="1992">1992</option>

<option value="1991">1991</option>

<option value="1990">1990</option>

<option value="1989">1989</option>

<option value="1988">1988</option>

<option value="1987">1987</option>

<option value="1986">1986</option>

<option value="1985">1985</option>

<option value="1984">1984</option>

<option value="1983">1983</option>

<option value="1982">1982</option>

<option value="1981">1981</option>

<option value="1980">1980</option>

</select>

</td>

</tr>

<!------------------------- Hobbies -------------------------------------->

<tr>

<td>Hobbies <br /><br /><br /></td>

<td>

<input type="checkbox" name="HobbyDrawing" value="Drawing" />

Drawing

<input type="checkbox" name="HobbySinging" value="Singing" />

Singing

<input type="checkbox" name="HobbyDancing" value="Dancing" />

Dancing

<input type="checkbox" name="HobbyCooking" value="Cooking" />

Sketching

<br />

<input type="checkbox" name="HobbyOther" value="Other">

Others

<input type="text" name="Other\_Hobby" maxlength="50" placeholder="Ex- Teaching" />

</td>

</tr>

<!-----------------------Qualification---------------------------------------->

<tr>

<td>Qualification <br /><br /><br /></td>

<td>

<br/>

<input type="checkbox" name="HighSchool" value="High School" />

High School(10th)<br>

<input type="checkbox" name="HigherSchool" value="Higher School" />

Higher School(12th)<br/>

<input type="checkbox" name="Graduation" value="Graduation" />

Graduation(Bachelors)<br/>

<input type="checkbox" name="PostGraduation" value="Post Graduation" />

Post Graduation(Masters)<br/>

<input type="checkbox" name="Phd" value="Phd">

Phd

</td>

</tr>

<!---------------------------- Courses ----------------------------------->

<tr>

<td>Courses<br />Applied For</td>

<td>

<input type="radio" name="CourseBCA" value="BCA">

BCA(Bachelor of Computer Applications)<br>

<input type="radio" name="CourseBCom" value="B.Com">

B.Com(Bachelor of Commerce)<br>

<input type="radio" name="CourseMCA" value="BCA">

MCA(Master of Computer Applications)<br>

<input type="radio" name="CourseMCom" value="B.Com">

M.Com(Master of Commerce)<br>

</td>

</tr>

<!----------------------- Submit and Reset ------------------------------->

<tr>

<td colspan="2" align="center">

<input type="submit" value="Submit">

<input type="reset" value="Reset">

</td>

</tr>

</table>

</form>

</body>

</html>

**LAB N0. 3 Write a program using JavaScript for Web Page to display Browser’s information.**

**Program:**

<!DOCTYPE html>

<html>

 <head>

 <title>Browser Info</title>

 </head>

 <body>

 <h1>Browser Info</h1>

 <p><strong>User agent:</strong> <span id="user-agent"></span></p>

 <p><strong>Browser name:</strong> <span id="browser-name"></span></p>

 <p><strong>Browser version:</strong> <span id="browser-version"></span></p>

 <script>

 var userAgent = navigator.userAgent;

 var userAgentSpan = document.getElementById("user-agent");

 userAgentSpan.textContent = userAgent;

 var browserName = "";

 var browserVersion = "";

 if (/Firefox[\/\s](\d+\.\d+)/.test(userAgent)) {

 browserName = "Firefox";

 browserVersion = RegExp.$1;

 } else if (/Chrome[\/\s](\d+\.\d+)/.test(userAgent)) {

 browserName = "Chrome";

 browserVersion = RegExp.$1;

 } else if (/Version[\/\s](\d+\.\d+)\s+Safari/.test(userAgent)) {

 browserName = "Safari";

 browserVersion = RegExp.$1;

 } else if (/MSIE\s(\d+\.\d+)/.test(userAgent)) {

 browserName = "Internet Explorer";

 browserVersion = RegExp.$1;

 } else if (/Trident\/\d+\.\d+.\*rv:(\d+\.\d+)/.test(userAgent)) {

 browserName = "Internet Explorer";

 browserVersion = RegExp.$1;

 } else if (/Edge\/(\d+\.\d+)/.test(userAgent)) {

 browserName = "Microsoft Edge";

 browserVersion = RegExp.$1;

 } else {

 browserName = "Unknown";

 browserVersion = "Unknown";

 }

 var browserNameSpan = document.getElementById("browser-name");

 var browserVersionSpan = document.getElementById("browser-version");

 browserNameSpan.textContent = browserName;

 browserVersionSpan.textContent = browserVersion;

 </script>

 </body>

</html>

**LAB No.4 A super class Detail has been defined to store the details of a customer. Define a subclass Bill to compute the monthly telephone charge of the customer as per the chart given below:**

|  |  |
| --- | --- |
| **NUMBER OF CALLS** | **RATE** |
| **1-100** | **only rental Charge** |
| **101-200** | **60 paisa per call + rental charge** |
| **201-300** | **80 paisa per call + rental charge** |
| **Above 300** | **1 rupee per call + rental charge** |

**Program:**

import java.util.Scanner;

class Detail {

 protected String name;

 protected String address;

 protected String telno;

 protected float rent;

 public Detail(String name, String address, String telno, float rent) {

 this.name = name;

 this.address = address;

 this.telno = telno;

 this.rent = rent;

 }

 public void show() {

 System.out.println("Name: " + name);

 System.out.println("Address: " + address);

 System.out.println("Telephone number: " + telno);

 System.out.println("Monthly rental charge: " + rent);

 }

}

class Bill extends Detail {

 private int n;

 private float amt;

 public Bill(String name, String address, String telno, float rent, int n) {

 super(name, address, telno, rent);

 this.n = n;

 amt = 0.0f;

 }

 public void cal() {

 if (n <= 100) {

 amt = rent;

 } else if (n <= 200) {

 amt = rent + (0.60f \* (n - 100));

 } else if (n <= 300) {amt = rent + (0.80f \* (n - 200)) + 60.0f;}

 else {

 amt = rent + (1.0f \* (n - 300)) + 140.0f;

 }

 }

 public void show() {

 super.show();

 System.out.println("Number of calls: " + n);

 System.out.println("Amount to be paid: " + amt);

 }

}

public class Main {

 public static void main(String[] args) {

 Scanner scanner = new Scanner(System.in);

 System.out.print("Enter customer name: ");

 String name = scanner.nextLine();

 System.out.print("Enter customer address: ");

 String address = scanner.nextLine();

 System.out.print("Enter customer telephone number: ");

 String telno = scanner.nextLine();

 System.out.print("Enter monthly rental charge: ");

 float rent = scanner.nextFloat();

 System.out.print("Enter number of calls: ");

 int n = scanner.nextInt();

 Bill b = new Bill(name, address, telno, rent, n);

 b.cal();

 b.show();

 scanner.close();

 }

}