SUMMER INTERNSHIP GUIDELINES

Rubrics and Reports

SET, SU

SHARDA
University
School of Engineering and Technology
Internship Guidelines (Rubrics and Reports)
ster Summer Internship

Student Name: Kadam Pathak_____ Program B.TECH_____ Specialization_Core_____

Host Organization/Company: Bharat Intern_____

Mailing Address: bharatintern.info@gmail.com_____

Internship Supervisor: _____

Supervisor Title: _____

Supervisor Phone Number:_____ Supervisor Email Address: _____

Faculty Supervisor:_____ Date of Evaluation: _____

The purpose of this assessment is to evaluate and provide the student intern with constructive feedback on his/her internship experience. The student's grade is partially based on your evaluation of his/her/their performance on each of the internship dimensions identified below. Use the evaluation rubric to assess the student's performance on each dimension by specifying a score based on the performance ratings and descriptors delineated in the rubric form.

Internship Evaluation Dimensions – Grading Criteria

Evaluation Dimensions	Needs Improvement		Meets Expectations		Excellent
	1	2	3	4	5
Quality of Work with cognitive modelling achieved	Work was done in a careless manner; work assignments were usually late and required review; made numerous errors		Adequately performed most work requirements; most work assignments submitted in a timely manner; made occasional errors		Thoroughly and accurately performed all work requirements; submitted all work assignments on time; made few if any errors
Level of ability to transfer one context into another context	Asked few questions, Students was unable or slow to understand new concepts, ideas, and work assignments; was unable or unwilling to make changes.		In most cases, asked relevant questions; exhibited acceptable understanding of new concepts, ideas, and work assignments		Asked relevant questions and sought out additional information from appropriate sources; very quickly understood new concepts, ideas, and work assignments; was always willing to make needed changes and improvements
Level of logic building / programming level	Had little logic building drive and required close supervision; showed little if any interest; did not seek out additional work; suggested no new ideas or options		In some cases, found problems to; offered some creative ideas		Was a self-starter; consistently sought new challenges and asked for additional work assignments;

			regularly approached and solved problems independently;
Core inequities if any (Language Proficiency)	None	1	> 1
Attentiveness / focus during sessions	Regularly exhibited a negative attitude	Except in a few minor instances, demonstrated a positive attitude;	Demonstrated an exceptionally positive attitude; attentive and proactive
readiness in core field	Low	Medium	High

Evaluation Criteria	Score (from above)
Quality of Work with cognitive modelling achieved	
Level of ability to transfer one context into another context	
Level of logic building / programming level	
Core inequities if any (Language Proficiency)	
Attentiveness / focus during sessions	
readiness in core field	
Total	

[C PROGRAMMING WEBSITE]

Summer Internship Report

Submitted to

Sharda University

In partial fulfilment of the requirements of the award of the

Degree of Bachelor of Technology

in

Computer Science Engineering

Dr. Ajeet Kumar Sharma

&

mentor

Department of Computer Science Engineering
School of Engineering & Technology

Sharda University

Greater Noida

[July,2023]

DECLARATION OF THE STUDENT

We hereby declare that the project entitled is an outcome of our own efforts under the guidance of Dr. Ajeet Kumar Sharma. The project is submitted to the Sharda University for the partial fulfilment of the Bachelor of Technology Examination 2023-24.

We also declare that this project report has not been previously submitted to any other university.

Student name= Kadam Pathak
Roll number = 2201010312
System ID= 2022003231

CERTIFICATE

This is to inform that Kadam Pathak of Sharda University has successfully completed the project work titled C Programming Website in partial fulfilment of the Bachelor of Technology Examination 2023-24 by Sharda University.

This project report is the record of authentic work carried out by them during the period from JUNE 2023 to JULY 2023.

Student Signature

Student Name= Kadam Pathak
Rollnumber =2201010312
Student System Id= 2022003231

Faculty's signature

Prof(Dr.)Ajeet Kumar Sharma

mentor

HoD's signature

Prof. (Dr.) Nitin Rakesh

Head-CSE

LIST OF TABLES

1.HTML

Because HTML (Hypertext Markup Language) is the foundation for creating web pages, it is used in websites. HTML is comparable to a building's architecture in words. It provides the structure for organizing and presenting content on the internet. Web browsers could not display text, photos, links, and other elements that make up a webpage without HTML. In order for a website to be user-friendly and interactive, its structure and design must be established using HTML.

2.CSS

Web pages' visual design and layout are managed by CSS (Cascading Style Sheets), which is utilized in websites. Here is why it's significant, put simply: CSS establishes the colors, fonts, spacing, and other aesthetic components that make websites appealing to the eye. It functions similarly to "paint" for web pages. Maintaining a uniform look and feel across all of a website's pages is possible with CSS. The navigation and comprehension of your material are made simpler for users as a result. Using CSS, you may make websites responsive so that they can change their layout and content to fit different screen sizes (such as those of phones and tablets). A positive user experience depends on this. Separation of Concerns: A web page's structure and design are kept separate via CSS.

3.JAVASCRIPT

Websites that use JavaScript are dynamic and interactive. What you can do is:

Improved User Experience: JavaScript enables interactive elements like pop-up dialogs, form confirmation, and interactive elements, which make websites more engaging and user-friendly.

Web content manipulation makes browsing simpler by allowing you to continually add and change the content of a website without having to reload the full page.

JavaScript enables you to modify how an element responds to user actions like button clicks, pointer hovers over elements, and scrolling.

speak with Servers: By allowing your website to speak with and accept data from servers while resetting the entire page, it enables instant updates and data retrieval.

LIST OF FIGURES

<u>ABSTRACT</u>

This report documents the conception, design, development, and deployment of a comprehensive C programming website aimed at providing an accessible and effective platform for individuals who wish to learn and master the C programming language. The website was conceived to respond to the growing demand for high-quality educational resources in the field of computer programming.

The report delves into the project's key goals, which include creating a user-friendly interface, offering a structured learning path, providing a rich set of interactive coding examples, and fostering a vibrant online community for students. Modern web technologies and best practices were used during the development process to ensure a seamless and engaging user experience.

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to all those who gave me the opportunity to complete this report. In addition to my efforts, the success of any project depends heavily on the encouragement and guidance of many others. We take this opportunity to express our gratitude to those who have contributed towards the successful completion of this project We would like to express my sincere appreciation to **Ajeet Kumar Sharma**. We cannot thank you enough for his tremendous help and support. Each of us felt inspired and encouraged at that meeting. Without his encouragement and guidance, this project would not have been possible. The guidance and support received from all members who supported and continue to support this project was critical to the success of the project. Thanks for the constant help and support. Furthermore, we would like to thank the ability of Sharada University for providing the best environment and facilities to complete this project. Finally, we pay tribute to our family and friends for their understanding and support in completing this project.

TABLE OF CONTENTS

INTRODUCTION

Welcome to the C programming website, your one stop shop for C programming! Whether you're a beginner looking to learn the basics of C or an experienced developer looking for advanced insights, you've come to the right place.

Our website is dedicated to providing comprehensive resources, tutorials, and practical examples to help you master C programming. We understand that C is the foundation of many modern programming languages, and we're here to guide you on your way to becoming a proficient C programmer.

Explore our extensive collection of articles, code samples, and tutorials that cover a wide range of topics, from basic syntax to advanced concepts such as data structures and algorithms. We believe in hands-on learning, so expect lots of code snippets and real-world examples to help you understand better.

Whether you are a student, hobbyist, or professional developer, our goal is to provide you with the knowledge and skills needed to excel in the world of C programming. Join our community, connect with other programmers, and embark on an exciting programming adventure with C.

Start your C programming journey today with the C programming website and let's code to success together!

1.PROBLEM DEFINITION

Create a website dedicated to C programming challenges to help programmers of all levels improve their skills, practice problem solving, and engage with a supportive coding community. The platform aims to provide a user-friendly interface where participants can solve a wide variety of C programming problems and track their progress.

Key features of our C programming site:

Structured Learning Paths: Whether you are a beginner, intermediate or advanced student, our website offers customized learning paths to suit your needs. Start from scratch or dive into advanced topics - the choice is yours.

Interactive coding: At the heart of our approach is learning by doing. You'll have the opportunity to write and test your code right on our platform, gaining hands-on experience along the way.

Rich Content: Our extensive library of tutorials, articles and reference materials covers the C language comprehensively. Topics range from the basics of variables and loops to advanced topics such as data structures and algorithms.

Community and support: Connect with other students, ask questions and share your knowledge in our lively online community. Our forums and discussion boards are where you can find support, inspiration and valuable insights from peers and experts.

Progress Tracking: Track your learning journey with personalized profiles and progress indicators. Set goals, earn badges and celebrate your achievements as you progress through the courses.

Real-World Applications: Explore how C is used in real-world projects and industries. Get insight into how this language continues to shape the technology around us.

Coding Challenges: Test your skills with coding challenges and quizzes. Challenge yourself and measure your progress as you solve problems and improve your coding skills.

Our commitment is to provide you with the knowledge and skills to become proficient C programmers. Whether your goal is to create software, solve complex problems, or simply satisfy your curiosity, our C Programming website is here to support you on your journey. So embark on this exciting adventure and let's unlock the world of C programming together!

2.HARDWARE SPECIFICATION

CPU:-
The CPU, also known as the central processing unit, is the brain of the computer and is in charge of carrying out tasks and instructions. For improved performance, look for models with more cores and faster clock rates.

RAM:-
RAM is where the CPU now keeps data that it is accessing. The multitasking process runs more smoothly, and data access is quicker.

STORAGE:-
Storage options include SSD (Solid State Drive), which provides faster data access, and HDD (Hard Disk Drive), which is more cheap. For general performance improvement, SSDs are advised.

GRAPHIC CARD (GPU):-
A dedicated GPU is required for graphically demanding tasks and games. For simple use, integrated graphics work fine.

MOTHERBOARD:-
Monitor the motherboard to make sure the RAM and CPU are compatible. For your peripherals, it ought to contain the required ports (USB, HDMI, etc.).

POWER SUPPLY UNIT:-
Make that the power supply unit (PSU) is made by a reliable business and has the right amount of power for each component.

MONITOR:-
Consider the size, settlement, and refresh rate of the display based on your requirements.

INPUT DEVICES:-
Include a mouse, a keyboard, and any other input devices that are appropriate for your job in your list of input devices.

OPTICAL DEVICES:-
If necessary, DVD/Blu-ray drives ought to be taken into account.

3.SOFTWARE SPECIFICATION

OPERATING SYSTEM:-

An operating system, such as Windows or macOS, controls computer hardware and offers a user interface.

DEVICE DRIVER:-
Device drivers are pieces of software that allow OS and hardware to communicate with one another.

WEB PAGES:-
Internet webpages can be accessed and explored using a web browser.

MS WORD:-
Word processing and spreadsheets computations are made easier with the help of the Office Suite.

Antivirus software:-
Guards against malware and viruses to maintain system security.

MULTIMEDIA PLAYER:-
Videos and audios in many formats can be played on multimedia players.

PHOTO EDITING SOFTWARE:-
Users can edit and change photographs and photos using photo editing software.

VIDEO EDITING SOFTWARE:-
Editing software for videos is used to improve its quality.

ACCOUNTING SOFTWARE:-
Aids in maintaining financial records and transactions.

EMAIL CLIENT:-
Manages and sends emails using an email client.

PROGRAMMING IDE:-
Integrated Development Environment (IDE) for programming is a tool for authoring and testing code.

DATABASE MANAGEMENT SYSTEM:-
Data from databases are organized and retrieved using database management systems.

VIRTUALIZATION SOFTWARE:-
Creates virtual computers using virtualization software, allowing several OS instances to run on a single computer.

GAMES:-
Interactive digital games that provide entertainment.

CLOUD STORAGE SERVICE:-
Services for cloud storage: Synchronize and store data online for accessible from any location.

COMMUNICTION:-
Real-time communication tools, including as SMS and video conferencing, are provided.

IMPLEMENTATION

A user-friendly web interface made with HTML, CSS, and JavaScript should be the first step in implementing a unit converter. Input fields should be in HTML, styling should be in CSS, and functionality should be in JavaScript. Make conversion types and unit selections available in a dropdown menu. Create functions in JavaScript to handle conversions, check user input, and show results. Establish conversion factors for every unit and category. Put error handling into place to check inputs and avoid calculation mistakes. Making use of CSS media queries, ensure responsive design for various devices. The application should then be thoroughly tested using a variety of scenarios and measurement methods to ensure precise and trustworthy conversions before being deployed to a web server for users to use.

#HTML:-

index.html

```
<!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>C Programming | Home </title>
    <link rel="icon" type="image/png" href="../images/logo.png" />
    <link rel="stylesheet" href="../CSS/style.css"/>


</head>
<body>
    <header>
        <img src="../images/logo.png" width="40px" alt="logo">
        <nav class="navbar">

          </div>
          <ul class="navbar">
            <li><a href="#" >Home</a></li>
            <li><a href="../Html/editor.html" >Code Editors</a></li>
            <li><a href="../Html/book.html" >Books To Read</a></li>
            <li><a href="../Html/contact.html" >Contact us</a></li>

          </ul>
          </div>
        </nav>
        </header>
        <div class="image2">
            <img src="../images/cprog.jpg" width="100%">
        </div>

    <main>
        <h1>
            <b> C Introduction</b>
```

```html
        <hr>
      </h1>
      <h2>What is C?</h2>
      <hr>
      <p>C is a general-purpose programming language created by Dennis Ritchie at the Bell
Laboratories in 1972.</p>

        <p> It is a very popular language, despite being old.</p>

        <p>C is strongly associated with UNIX, as it was developed to write the UNIX operating
system.</p>

        <hr>
        <h2>Why Learn C?</h2>
        <hr>
        <ul>
          <li>
            It is one of the most popular programming language in the world
          </li>
          <li>
            If you know C, you will have no problem learning other popular programming
languages such as Java, Python, C++, C#, etc, as the syntax is similar
          </li>
          <li>
            C is very fast, compared to other programming languages, like Java and Python
          </li>
          <li>
            C is very versatile; it can be used in both applications and technologies

          </li>
        </ul>

      <h2>
        Difference between C and C++
      </h2>
    <ul>
     <li>
        C++ was developed as an extension of C, and both languages have almost the same syntax
     </li>

      </ul>
<hr>
<h1>Getting Started With C</h1>
<p>To start using C, you need two things:</p>
<ul>
   <li>
     A text editor,like Notepad, to write C code
   </li>
   <li>
     A compiler,like GCC, to translate the C code into a language that computer can understand
   </li>
</ul>
```

```html
<p>
  There are many text editors and compilers to choose from. In this tutorial, we will use an IDE
(see below).
</p>
<hr>
<h2>
  C Install IDE
</h2>
<p>
  An IDE (Integrated Development Environment) is used to edit AND compile the code.<br>
<br>
Popular IDE's include Code::Blocks, Eclipse, and Visual Studio. These are all free, and they can be
used to both edit and debug C code.<br>
<br>
<strong><b>Note:</b></strong> Web-based IDE's can work as well, but functionality is
limited.<br>
<br>
We will use Online GDB Compiler in our tutorial, which we believe is a good place to start.<br>
<br>
You can find Online GDB  at <a
href="https://www.onlinegdb.com/"><strong>https://www.onlinegdb.com/ .</strong></a>
</p>
<hr>
<br>
<button class="btn">
  <span><a href="../html/start.html"> Getting Started</a></span>
</button>


  </main>

</body>
</html>
```

Start.html

```html
<!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>Getting Started With C</title>
  <link rel="icon" type="image/png" href="../images/logo.png"/>
</head>
<body>
  <header>
    <img src="../images/logo.png" alt="logo" width="40px">
    <nav class="navbar">
      <ul class="navbar">
      <li><a href="../html/index.html">Home</a></li>
      <li><a href="../html/editor.html">Code Editors</a></li>
```

```html
            <li><a href="../html/book.html">Books To Read</a></li>
            <li><a href="../html/contact.html">Contact Us</a></li>
</ul>


</nav>
    </header>
    <div class="header">
    <img src="../images/clangu.png" alt="image">
    </div>
    <h1>C Get started</h1>
    <hr>
    <h2>C Quickstart</h2>
    <hr>
    <p>Let's create our first C File.</p>
    <p>Open Codeblocks and go to <b>File:&rarr;New:&rarr;Empty File.</b></p>
    <p>Write the following C code and save the file as
myfirstprogram.c<strong><b>(File:&rarr;Save File)</b></strong></p>
<div class="box1">
    <div class="img2">
    <p class="head1">myfirstprogram.c</p>


    <img src="../images/myfirstprogram.png" width="90%" >
    </div>
</div>
<p>
    Don't worry if you don't understand the code above - we will discuss it in detail in later chapters.
For now, focus on how to run the code.
</p>
<p>In GDB Compiler it should look like this:</p>
<div class="box2">
<img src="../images/firstpg.png" width="90%">
</div>
<p>Then , go to <b>Run:&rarr;</b>to execute the program. The result will look something to
this:</p>
<div class="box3">
<img src="../images/firstout.png" width="80%">
</div>
<p><b>Congratulations! You have now written and executed your first C program.</b></p>
<hr>
<section class="mainsection">
    <div class="box4">
    <h1 class="main">
      C Tutorial
    </h1>


    <a href="https://www.w3schools.com/c/c_syntax.php">C Syntax</a>
    <a href="https://www.w3schools.com/c/c_output.php">C Output</a>
    <a href="https://www.w3schools.com/c/c_comments.php">C Comments</a>
    <a href="https://www.w3schools.com/c/c_variables.php">C Variables</a>
    <a href="https://www.w3schools.com/c/c_data_types.php">C Datatypes</a>
    <a href="https://www.w3schools.com/c/c_constants.php">C Constants</a>
```

```html
    <a href="https://www.w3schools.com/c/c_operators.php">C Operators</a>
    <a href="https://www.w3schools.com/c/c_booleans.php">C Booleans</a>
    <a href="https://www.w3schools.com/c/c_conditions.php">C If..Else</a>
    <a href="https://www.w3schools.com/c/c_switch.php">C Switch</a>
    <a href="https://www.w3schools.com/c/c_while_loop.php">C While Loop</a>
    <a href="https://www.w3schools.com/c/c_for_loop.php">C For Loop</a>
    <a href="https://www.w3schools.com/c/c_break_continue.php">C Break/Continue</a>
    <a href="https://www.w3schools.com/c/c_arrays.php">C Arrays</a>
    <a href="https://www.w3schools.com/c/c_strings.php">C String</a>
    <a href="https://www.w3schools.com/c/c_user_input.php">C User Input</a>
    <a href="https://www.w3schools.com/c/c_memory_address.php">C Memory Address</a>
    <a href="https://www.w3schools.com/c/c_pointers.php">C Pointers</a>
    <a href="https://www.w3schools.com/c/c_structs.php">C Structures</a>
    <a href="https://www.w3schools.com/c/c_enums.php">C Enums</a>
    </div>
    <div class="box4">
    <h1 class="main">
      C Functions
    </h1>
    <a href="https://www.w3schools.com/c/c_functions.php">C Functions</a>
    <a href="https://www.w3schools.com/c/c_functions_parameters.php">C Functions
Parameters</a>
    <a href="https://www.w3schools.com/c/c_functions_decl.php">C Function Declaration</a>
    <a href="https://www.w3schools.com/c/c_functions_recursion.php">C Recursion</a>
    <a href="https://www.w3schools.com/c/c_math.php">C Math Functions</a>
    </div>
    <div class="box4">
    <h1 class="main">
      C Files
    </h1>
    <a href="https://www.w3schools.com/c/c_files.php">C Create Files</a>
    <a href="https://www.w3schools.com/c/c_files_write.php">C Write To Files</a>
    <a href="https://www.w3schools.com/c/c_files_read.php">C Read Files</a>
</div>
<div class="box4">
    <h1 class="main">
    C Examples
</h1>

<a href="https://www.w3schools.com/c/c_examples.php">C Examples</a>
<a href="https://www.w3schools.com/c/c_exercises.php">C Exercise</a>
<a href="https://www.w3schools.com/c/c_quiz.php">C Quiz</a>
</div>
</div>

</section>
</body>

<style>
    .head1{
      margin-left:15px;
      font-weight: bold;
```

```css
      font-size: 20px;
      padding: 5px;
   }

   .header{
      margin-left:10%;
      margin-right:10%;
   }
   .header img{
      width:100%;
   }
   .box1{
      background-color: rgb(185, 220, 251);
      margin-right: 70%;
      border-radius:20px;
   }
   .img2{
      margin-left:5%;
      padding-bottom:10px;

   }
   .box2{
      background-color: rgb(185,220,251);
      margin-right:50%;
      border-radius:20px;

   }
   .box2 img{
      padding:10px;
   }
   .box3{
      background-color: rgb(185,220,251);
      margin-right:60%;
      border-radius:20px;
   }
   .box3 img{
      margin-left:5px;
      padding:10px;
   }
   .box4{
      background-color: transparent;
      margin:10px;
      border-radius:20px ;
      box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
      0 rgba(0,0,0,0.19);

   }
   .main{
      font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
      font-weight: bolder;
      font-size: 25px;
```

```css
        text-align: center;
    }
    .box4 h1{
        padding: 10px;
    }
    .box4 a{
        color:black;
        font-size:20px;
        padding: 2px;
        margin:20px;
        font-weight: bold;
        display: inline-block;
        text-decoration: none;
        font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
    }
    .box4 a:hover{
        color:white;
        background-color: black;
    }
    .box4:hover{
        background-color: aliceblue;
    }
    header{
    background-color: rgb(246, 246, 246);
    position: fixed;
    top: 0;
    left:0;
    right:0;
     height:50px;
     display: flex;
     align-items: center;
     box-shadow: 0 0 25px 0 rgb(60, 46, 216);
}
header *{
    display:inline;
}
header li{
    margin:20px;
    display: inline-flex;
}
header li a{
    color:black;
    text-decoration: none;
    font-weight: bold;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-
serif;
}
header a:hover{
    color:black;
    background-color: white;
}
```

```css
header img{
    padding: 10px;
}
.mainsection{
    display: flex;
    flex-direction: column;
}

</style>
</html>
```

editor.html

```html
<!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>Code Editors</title>
    <link rel="icon" type="image/png" href="../images/logo.png"/>
</head>
<body>
    <header>
     <img src="../images/logo.png" width="40px">
     <nav class="navbar">
      <ul class="navbar">
     <li><a href="../html/index.html">Home</a>
     </li>
     <li><a href="#">Code Editors</a></li>
     <li><a href="../html/book.html">Books To Read</a></li>
     <li><a href="../html/contact.html">Contact Us</a></li>
      </ul>

    </nav>
   </header>
<div class="header">
    <img src="../images/code.jpg" width="80%">
</div>

<p><b>There are many code Editors present in the current scnerio. Some of them are listed
Below:</b></p>
<hr>
<section class="container1">
<div class="visualcontainer">
    <h1>1.Visual Studio</h1>
 <img src="../images/visual studio.png">
 <p>
   A standalone source code editor that runs on Windows, macOS, and Linux. The top pick for
JavaScript and web developers, with extensions to support just about any programming language.
 </p>
```

```html
<button class="btn1">
    <a href="https://visualstudio.microsoft.com/" >Try This<span></span></a>
</button>
</div>
<div class="atom">
<h1>
    2.Atom
</h1>
<img src="../images/atom2.png">
<p>
    GitHub is one of the best software development communities on the Internet. Atom, an open-source text editor that can be used as an IDE for a huge array of programming languages.

</p>
<button class="btn2">
    <a href="https://atom.en.uptodown.com/windows">Try This</a>
</button>
</div>
</section>

<section class="container1">
    <div class="sublime">
        <h1>
            3.Sublime Text
        </h1>
<img src="../images/sublime.png">
<p>
    Sublime Text is a shareware text and source code editor available for Windows, macOS, and Linux. It natively supports many programming languages and markup languages. Users can customize it with themes and expand its functionality with plugins, typically community-built and maintained under free-software licenses.
</p>
<button class="btn3">
    <a href="https://www.sublimetext.com/">Try This</a>
</button>
    </div>
    <div class="notepad">
        <h1>
            4.Notepad++
        </h1>
        <img src="../images/notepad.svg">
<p>
    Notepad++ is a free (as in "free speech" and also as in "free beer") source code editor and Notepad replacement that supports several languages. Running in the MS Windows environment, its use is governed by GNU General Public License.
</p>
<button class="btn4">
    <a href="https://notepad-plus-plus.org/">Try This</a>
</button>
    </div>
</section>
```

```html
</body>

<style>
  body{
    height: 125vh;
    background-color: white;
    background-size: cover;
    font-family: Arial, Helvetica, sans-serif;
margin-top: 80px;
padding: 30px;
}
  header{
    background-color: rgb(246, 246, 246);
    position: fixed;
    top: 0;
    left:0;
    right:0;
    height:50px;
    display: flex;
    align-items: center;
    box-shadow: 0 0 25px 0 rgb(60, 46, 216);
}
header *{
    display:inline;

}
header li{
    margin:20px;
    display: inline-flex;
}
header li a{
    color:black;
    text-decoration: none;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-
serif;
    font-weight: bold;
}
header li a:hover{
  color:black;
  background-color:white;
}
header img{
  padding: 10px;
}
    .header{
      margin-left:200px;
      padding:10px;

    }
```

```css
p{
    font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
    font-size: larger;
    padding-left: 10px;
}
h1{
    padding-left: 10px;
}
.visualcontainer{
    background-color:white;
    width:50%;
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
    0 rgba(0,0,0,0.19);
    padding: 10px;
    margin:20px;
    border-radius:20px;

}
.visualcontainer:hover{
 background-color: aliceblue;
}
.visualcontainer img{
    width:40%;

}
.btn1{
    background-color: transparent;
    border-radius: 10px;
    border:3px solid blueviolet;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
    font-weight: bold;
    padding: 8px;
    font-size: 20px;
    margin-left:40%;
    transition: 0.3s;

}
.btn1 a{
    text-decoration: none;
    color:blueviolet;
}
.btn1:hover{
 background-color:blueviolet;
}
.btn1 a:hover{
 color:white;
}

.atom{
    background-color:white;
```

```css
    width:50%;
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
    0 rgba(0,0,0,0.19);
    padding: 10px;
    border-radius: 20px;
    margin:20px;

}
.atom:hover{
    background-color: aliceblue;
}
.atom img{
    width: 40%;
    padding-left: 10px;
}
.btn2{
    background-color: transparent;
    border-radius: 10px;
    border:3px solid rgb(111,184,111);
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
    font-weight: bold;
    padding: 8px;
    font-size: 20px;
    margin-left: 40%;
}
.btn2 a{
    text-decoration: none;
    color:rgb(111,184,111);
}

.btn2:hover{
    background-color: rgb(111,184,111);
}
.btn2 a:hover{
    color:white;
}
.sublime{
    width:50%;
    background-color: white;
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
    0 rgba(0,0,0,0.19);
    margin: 20px;
    padding:10px;
    border-radius: 20px;
}
.sublime:hover{
    background-color: aliceblue;
}
.btn3{
    background-color:transparent;
    border: 3px solid orange;
```

```css
        font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
        font-weight: bold;
        padding: 8px;
        font-size: 20px;
        border-radius: 8px;
        margin-left: 40%;
    }
    .sublime a{
        color:orange;
        text-decoration: none;
    }
    .btn3:hover{
        background-color: orange;

    }
    .btn3 a:hover{
        color:white;
    }

    .notepad{
        width:50%;
        background-color: white;
        box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
        0 rgba(0,0,0,0.19);
        margin: 20px;
        padding:10px;
        border-radius:20px;
    }
    .notepad:hover{
        background-color: aliceblue;
    }
    .notepad img{
        width:40%;
    }
    .btn4{
        background-color: transparent;
        border:3px solid black;
        border-radius: 8px;
        font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
        font-weight: bold;
        padding: 8px;
        font-size: 20px;
        margin-left: 40%;
    }
    .btn4 a{
        text-decoration: none;
        color:black;
    }
    a:hover{
        color:black;
```

```
    }
    .btn4:hover{
     background-color: black;
    }
    .btn4 a:hover{
     color:white;
    }
.container1{
 display: flex;
 flex-direction: row;
}
</style>
</html>
```

contact.html

```
<!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>Code Editors</title>
    <link rel="icon" type="image/png" href="../images/logo.png"/>
</head>
<body>
    <header>
     <img src="../images/logo.png" width="40px">
     <nav class="navbar">
      <ul class="navbar">
     <li><a href="../html/index.html">Home</a>
     </li>
     <li><a href="#">Code Editors</a></li>
     <li><a href="../html/book.html">Books To Read</a></li>
     <li><a href="../html/contact.html">Contact Us</a></li>
      </ul>

     </nav>
    </header>
<div class="header">
    <img src="../images/code.jpg" width="80%">
</div>

<p><b>There are many code Editors present in the current scnerio. Some of them are listed
Below:</b></p>
<hr>
<section class="container1">
<div class="visualcontainer">
    <h1>1.Visual Studio</h1>
 <img src="../images/visual studio.png">
 <p>
```

```html
    A standalone source code editor that runs on Windows, macOS, and Linux. The top pick for
JavaScript and web developers, with extensions to support just about any programming language.
 </p>
<button class="btn1">
   <a href="https://visualstudio.microsoft.com/" >Try This<span></span></a>
</button>
</div>
<div class="atom">
<h1>
   2.Atom
</h1>
<img src="../images/atom2.png">
<p>
   GitHub is one of the best software development communities on the Internet. Atom, an open-
source text editor that can be used as an IDE for a huge array of programming languages.

</p>
<button class="btn2">
   <a href="https://atom.en.uptodown.com/windows">Try This</a>
</button>
</div>
</section>

<section class="container1">
   <div class="sublime">
      <h1>
         3.Sublime Text
      </h1>
<img src="../images/sublime.png">
<p>
   Sublime Text is a shareware text and source code editor available for Windows, macOS, and
Linux. It natively supports many programming languages and markup languages. Users can
customize it with themes and expand its functionality with plugins, typically community-built and
maintained under free-software licenses.
</p>
<button class="btn3">
   <a href="https://www.sublimetext.com/">Try This</a>
</button>
   </div>
   <div class="notepad">
      <h1>
         4.Notepad++
      </h1>
      <img src="../images/notepad.svg">
<p>
   Notepad++ is a free (as in "free speech" and also as in "free beer") source code editor and
Notepad replacement that supports several languages. Running in the MS Windows environment,
its use is governed by GNU General Public License.
</p>
<button class="btn4">
   <a href="https://notepad-plus-plus.org/">Try This</a>
</button>
```

```html
        </div>
    </section>




</body>

<style>
  body{
    height: 125vh;
    background-color: white;
    background-size: cover;
    font-family: Arial, Helvetica, sans-serif;
margin-top: 80px;
padding: 30px;
}
  header{
    background-color: rgb(246, 246, 246);
    position: fixed;
    top: 0;
    left:0;
    right:0;
     height:50px;
     display: flex;
     align-items: center;
     box-shadow: 0 0 25px 0 rgb(60, 46, 216);
}
header *{
    display:inline;

}
header li{
    margin:20px;
    display: inline-flex;
}
header li a{
    color:black;
    text-decoration: none;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-
serif;
    font-weight: bold;
}
header li a:hover{
  color:black;
  background-color:white;
}
header img{
  padding: 10px;
}
    .header{
        margin-left:200px;
```

```css
        padding:10px;

    }
    p{
        font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
        font-size: larger;
        padding-left: 10px;
    }
    h1{
        padding-left: 10px;
    }
    .visualcontainer{
        background-color:white;
        width:50%;
        box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
        0 rgba(0,0,0,0.19);
        padding: 10px;
        margin:20px;
        border-radius:20px;

    }
    .visualcontainer:hover{
        background-color: aliceblue;
    }
    .visualcontainer img{
        width:40%;

    }
    .btn1{
        background-color: transparent;
        border-radius: 10px;
        border:3px solid blueviolet;
        font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
        font-weight: bold;
        padding: 8px;
        font-size: 20px;
        margin-left:40%;
        transition: 0.3s;

    }
    .btn1 a{
        text-decoration: none;
        color:blueviolet;
    }
    .btn1:hover{
        background-color:blueviolet;
    }
    .btn1 a:hover{
        color:white;
    }
```

```css
.atom{
 background-color:white;
 width:50%;
 box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
 0 rgba(0,0,0,0.19);
 padding: 10px;
 border-radius: 20px;
 margin:20px;

}
.atom:hover{
 background-color: aliceblue;
}
.atom img{
 width: 40%;
 padding-left: 10px;
}
.btn2{
 background-color: transparent;
 border-radius: 10px;
 border:3px solid rgb(111,184,111);
 font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
 font-weight: bold;
 padding: 8px;
 font-size: 20px;
 margin-left: 40%;
}
.btn2 a{
 text-decoration: none;
 color:rgb(111,184,111);
}

.btn2:hover{
 background-color: rgb(111,184,111);
}
.btn2 a:hover{
 color:white;
}
.sublime{
 width:50%;
 background-color: white;
 box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
 0 rgba(0,0,0,0.19);
 margin: 20px;
 padding:10px;
 border-radius: 20px;
}
.sublime:hover{
 background-color: aliceblue;
}
```

```css
.btn3{
  background-color:transparent;
  border: 3px solid orange;
  font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
  font-weight: bold;
  padding: 8px;
  font-size: 20px;
  border-radius: 8px;
  margin-left: 40%;
}
.sublime a{
  color:orange;
  text-decoration: none;
}
.btn3:hover{
  background-color: orange;

}
.btn3 a:hover{
  color:white;
}

.notepad{
  width:50%;
  background-color: white;
  box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
  0 rgba(0,0,0,0.19);
  margin: 20px;
  padding:10px;
  border-radius:20px;
}
.notepad:hover{
  background-color: aliceblue;
}
.notepad img{
  width:40%;
}
.btn4{
  background-color: transparent;
  border:3px solid black;
  border-radius: 8px;
  font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial,
sans-serif;
  font-weight: bold;
  padding: 8px;
  font-size: 20px;
  margin-left: 40%;
}
.btn4 a{
  text-decoration: none;
  color:black;
```

```css
      }
      a:hover{
        color:black;
      }
      .btn4:hover{
        background-color: black;
      }
      .btn4 a:hover{
        color:white;
      }
.container1{
  display: flex;
  flex-direction: row;
}
</style>
</html>
```

#CSS:-

Style.css

```css
header img{
    padding: 10px;
}
body{
    height: 125vh;
    background-color: white;
    background-size: cover;
    font-family: Arial, Helvetica, sans-serif;
margin-top: 80px;
padding: 30px;
}

header{
    background-color: rgb(246, 246, 246);
    position: fixed;
    top: 0;
    left:0;
    right:0;
     height:50px;
     display: flex;
     align-items: center;
     box-shadow: 0 0 25px 0 rgb(60, 46, 216);
}
header *{
    display:inline;
}
header li{
    margin:20px;
    display: inline-flex;
```

```css
}
header li a{
   color:black;
   text-decoration: none;
   font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-
serif;
   font-weight: bold;
}
header a:hover{
   background-color: white;
   color:black;
}

.btn{
   font-family: Arial, Helvetica, sans-serif;
   font-weight: bold;
   background-color: rgb(73, 39, 225);
   padding: 8px;
   border: none;
   cursor:pointer;
   font-size: 20px;
   border-radius: 8px;

}
.btn a{
   text-decoration: none;
   color:white;
}

.btn:hover span{
   /* background-color: rgb(73,39,225);
   color:white; */
   padding-right: 25px;

}
.btn:hover span:after{
   opacity:1;
   right:0;
}
.btn span{
   cursor: pointer;
   display: inline-block;
   position: relative;
   transition: 0.5s;
}
.btn span:after{
   content:'\00bb';
position: absolute;
opacity: 0;
top:0;
right:-20px;
color:white;
```

```css
}

div{
    width:100%;
}
```

Book.html

```html
<!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>Books To Read</title>
    <link rel="icon" type="image/png" href="../images/logo.png">
</head>
<body>
    <header>
        <img src="../images/logo.png" alt="logo" width="40px">
        <nav class="navbar">
        <ul class="navbar">
            <li>
                <a href="../html/index.html">Home</a>
            </li>
            <li><a href="../html/editor.html">Code Editor</a></li>
            <li><a href="#">Books To Read</a></li>
            <li><a href="../html/Contact.html">Contact Us</a></li>
        </ul>
        </nav>
    </header>
    <div class="header">
        <img src="../images/books.png">
    </div>
    <section class="container">
        <div class="book1">
            <h1>
                1.The C programming Language |Second Edition|
                By Pearson
            </h1>

            <img src="../images/book1.jpg" width="50%">

        <button class="btn1">
            <a href="https://drive.google.com/file/d/1O4E_SJAoGBxh4cqqIxfS8XGS7ELo0npw/view?usp=share_link">Download Pdf</a>
        </button>
        <button class="btn1">
            <a href="https://www.amazon.in/Programming-Language-Kernighan-Dennis-Ritchie/dp/9332549443">Buy Now</a>
        </button>
        </div>
```

```html
    <div class="book2">
        <h1>Let Us C | 17 Edition |<br>
            By Yashavant Kanetkar </h1>

        <img src="../images/let us c book 2020.jpg" width="50%">
    <button class="btn1">
        <a href="https://drive.google.com/file/d/1tMpMC4xu_NZcjxNo3zomb99WTuhNdhs2/view?usp=share_link">Download Pdf</a>
    </button>
    <button class="btn2">
        <a href="https://www.amazon.in/Let-Us-C-Yashavant-Kanetkar/dp/8183331637">Buy Now</a>
    </button>
    </div>
    <div class="book3">
        <h1>
            C:The Complete Reference<br>
            By Herbert Schildt
        </h1>
        <img src="../images/book3.jpg" width="50%">
        <button class="btn1">
            <a herf="">Download Pdf</a>
        </button>
        <button class="btn2">
            <a href="https://www.amazon.in/dp/0070411832?tag=guru99-21&geniuslink=true">Buy Now</a>
        </button>
    </div>
    <div class="book4">
        <h1>
            C Programming |Absolute Begineer Guide
        </h1>
        <img src="../images/book4.jpg" width="50%">
        <button class="btn1">
            <a href="">Download Pdf</a>
        </button>
        <button class="btn2">
            <a href="https://www.amazon.in/dp/0789751984?tag=guru99-21&keywords=C%20Programming:&geniuslink=true">Buy Now</a>

        </button>
    </div>
    </section>

<style>
    body{
    height: 125vh;
    background-color: white;
    background-size: cover;
    font-family: Arial, Helvetica, sans-serif;
    margin-top:80px;
    padding: 30px;
```

```css
}
header{
    background-color: rgb(246, 246, 246);
    position: fixed;
    top: 0;
    left:0;
    right:0;
     height:50px;
     display: flex;
     align-items: center;
     box-shadow: 0 0 25px 0 rgb(60, 46, 216);
}
header *{
    display:inline;
}
header li{
    margin:20px;
    display: inline-flex;
}
header li a{
    color:black;
    text-decoration: none;
    font-weight: bold;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;
}
header a:hover{
    color:black;
    background-color: white;
}
.header{
    margin-left: 10%;
    margin-right:10%;
}
header img{
    padding-left: 10px;
}
.book1{
    margin:5px;
    width:25%;
    border-radius:20px;
    box-shadow:0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
      0 rgba(0,0,0,0.19);
     padding:10px;
      background-color:white;


}
.book1:hover{
    background-color: aliceblue;
}

.btn1{
```

```css
    border-radius: 20px;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;
    font-weight: bold;
    padding: 8px;
    font-size: 20px;
    border:3px solid rgb(0, 108, 0);
    background-color:transparent;
    display: inline-block;


}

.btn1 a{
    text-decoration: none;
    color:rgb(0, 108, 0);
}
.btn1:hover{
    background-color: rgb(0, 108, 0);
}

.btn1 a:hover{
    color:white;

}
.btn2{
    border-radius: 20px;
    font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;
    font-weight: bold;
    padding: 8px;
    font-size: 20px;
    border:3px solid rgb(0, 108, 0);
    background-color:transparent;

    display: inline-block;

}

.btn2 a{
    text-decoration: none;
    color:rgb(0, 108, 0);
}
.btn2:hover{
    background-color: rgb(0, 108, 0);
}
.btn2 a:hover{
    color:white;
}

.book2{
    width:25%;
```
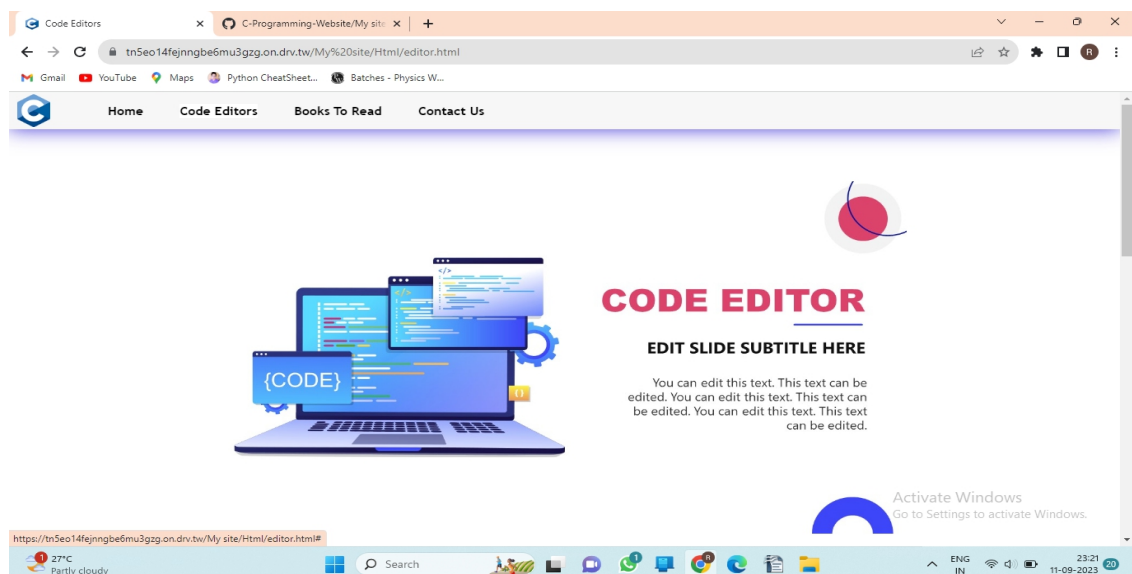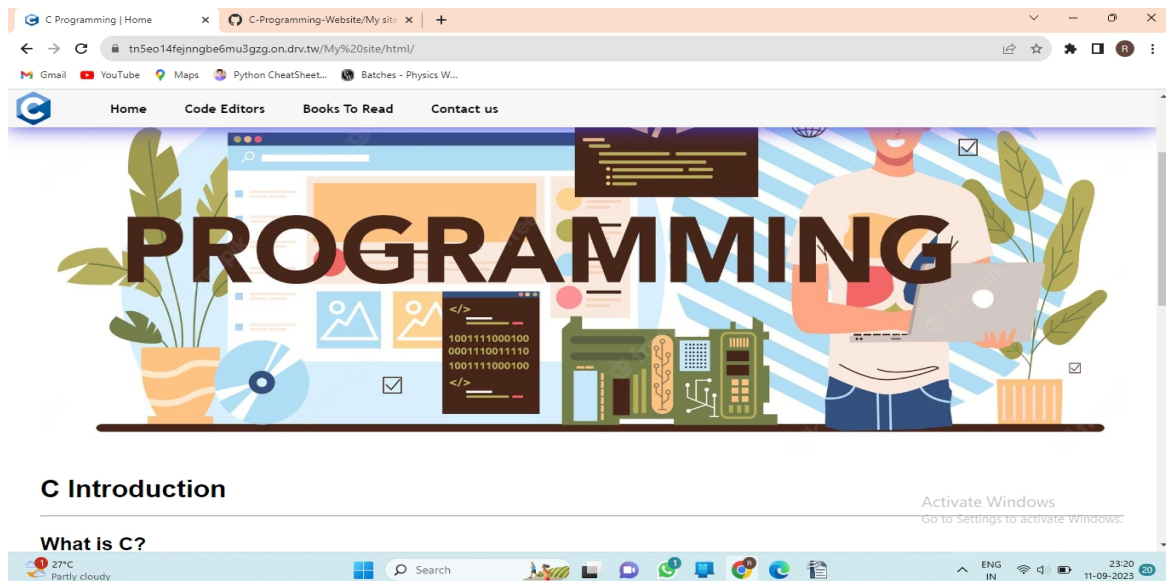
```css
    box-shadow:0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
       0 rgba(220, 84, 84, 0.19);
       border-radius: 20px;
       padding: 10px;
       background-color: white;
       margin:10px;
}
.book2:hover{
    background-color: aliceblue;
}
.container{
    display: flex;
    flex-direction: row;
}
.book3{
     width:25%;
     box-shadow:0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
       0 rgba(0,0,0,0.19);
       border-radius: 20px;
       padding: 10px;
       background-color: white;
       margin:10px;
}
.book3:hover{
    background-color: aliceblue;
}
.book4{
     width:25%;
     box-shadow:0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px
       0 rgba(0,0,0,0.19);
       border-radius: 20px;
       padding: 10px;
       background-color: white;
       margin:10px;
}
.book4:hover{
    background-color: aliceblue;
}
</style>
</body>
</html>
```
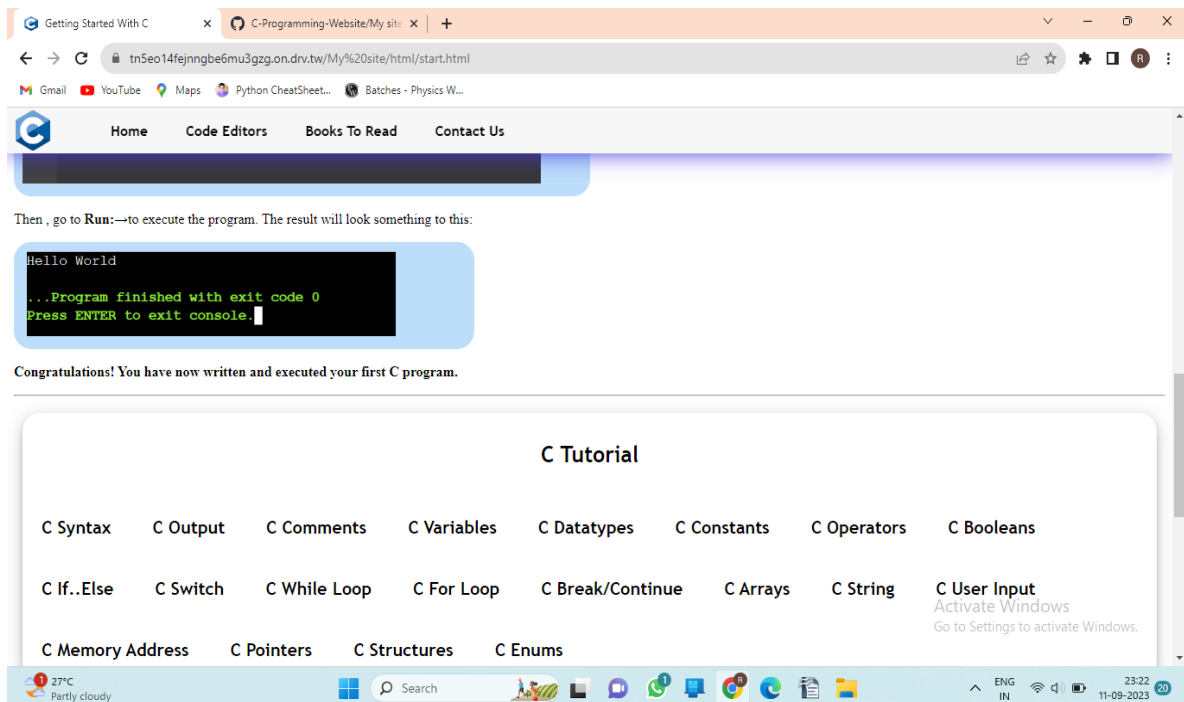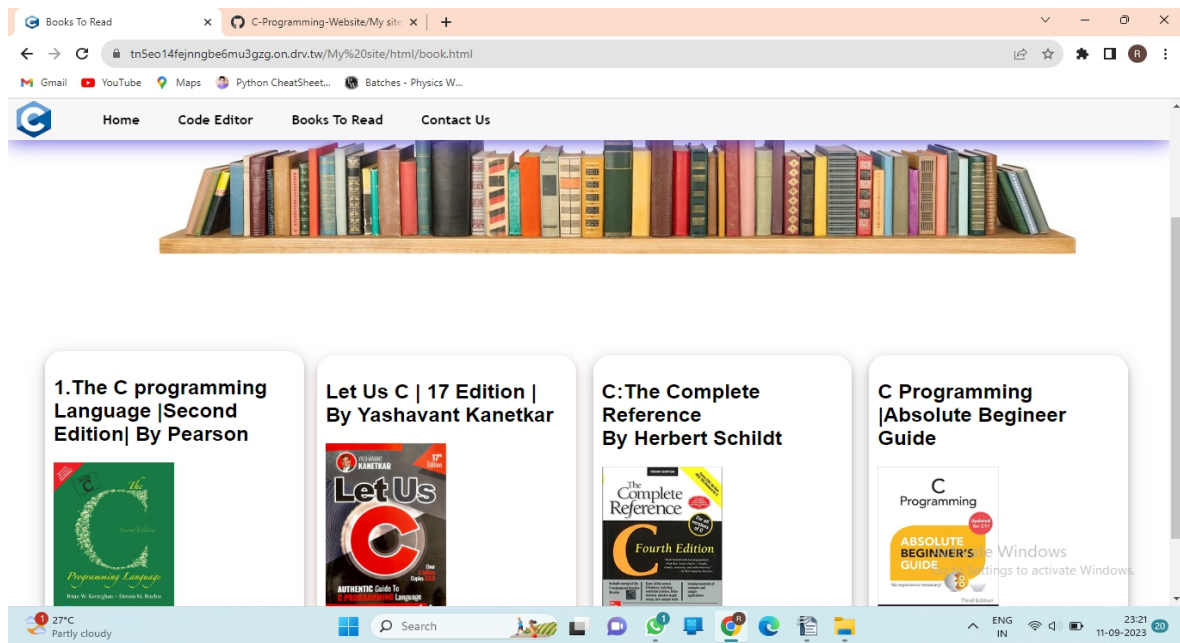
RESULT

Click on the following link to visit my Website--

https://tn5eo14fejnngbe6mu3gzg.on.drv.tw/My%20site/html/

Screenshot 1

Tabs: Books To Read | C-Programming-Website/My site

URL: tn5eo14fejnngbe6mu3gzg.on.drv.tw/My%20site/html/book.html

Bookmarks: Gmail | YouTube | Maps | Python CheatSheet... | Batches - Physics W...

Navigation: Home | Code Editor | Books To Read | Contact Us

1.The C programming Language |Second Edition| By Pearson

Let Us C | 17 Edition | By Yashavant Kanetkar

C:The Complete Reference By Herbert Schildt

C Programming |Absolute Begineer Guide

Activate Windows
Go to Settings to activate Windows.

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Screenshot 2

Tabs: Getting Started With C | C-Programming-Website/My site

URL: tn5eo14fejnngbe6mu3gzg.on.drv.tw/My%20site/html/start.html

Bookmarks: Gmail | YouTube | Maps | Python CheatSheet... | Batches - Physics W...

Navigation: Home | Code Editors | Books To Read | Contact Us

Then , go to **Run:**→to execute the program. The result will look something to this:

```
Hello World

...Program finished with exit code 0
Press ENTER to exit console.
```

Congratulations! You have now written and executed your first C program.

C Tutorial

C Syntax   C Output   C Comments   C Variables   C Datatypes   C Constants   C Operators   C Booleans

C If..Else   C Switch   C While Loop   C For Loop   C Break/Continue   C Arrays   C String   C User Input

Activate Windows
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C Memory Address   C Pointers   C Structures   C Enums

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CONCLUSION-

In conclusion, this C programming website serves as a valuable resource for both beginners and experienced programmers who want to improve their C skills. Through its comprehensive tutorials, practical examples, and interactive exercises, it enables users to develop strong programming skills. A user-friendly interface, regularly updated content, and a supportive community make it an essential platform for learning and mastering the C language. This website not only equips students with basic coding skills, but also fosters a sense of community and collaboration within the programming community. . As the world of technology continues to evolve, this C programming site remains an indispensable resource for those who aspire to excel in C programming.

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