Project Report

ON

"Code It Now"

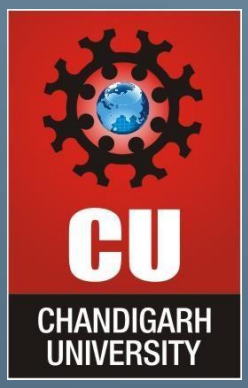
SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD

OF THE DEGREE OF

BACHELOR OF ENGINEERING

In

Computer Science & Engineering



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Saurav singh

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CHANDIGARH UNIVERSITY GHARUAN, MOHALI

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Declaration

CHANDIGARH UNIVERSITY, GHARUAN, MOHALI

CANDIDATE'S DECLARATION

I "SAURAV SINGH" hereby declare that I have undertaken Summer Training and developed project titled 'CODE IT NOW' during a period from 3rd semester in partial fulfillment of requirements for the award of degree of B.E (COMPUTER SCIENCE & ENGINEERING) at CHANDIGARH UNIVERSITY GHARUAN, MOHALI. The work which is being presented in the training report submitted to Department of Computer Science & Engineering at CHANDIGARH UNIVERSITY GHARUAN, MOHALI is an authentic record of training work.

Signature of the Student

The training Viva–Voce Examination of_____ has been held on _____ and accepted.

Signature of Internal Examiner

Signature of External Examiner

Abstract

Our Aim is to design and create a data management System for a register in our company ‘code it now’. This web page is provide content about various coding language which helps the begineers to choose the language in which they are interested. We have developed a register form to register in our company and access many live classes, live quizzes and other exercises. This system also helps to promote responsible and interesting course so that people can access it and take a step toward their future. This system also helps to develope interest towards various language and other computer skill. We develop this system to create and promote different languages that provide healthy interaction opportunities for learners and increase better understanding of science and technology.

ACKNOWLEDGEMENT

We would like to express our deep and sincere gratitude to our Project In charge **Jyoti arora and Gurpreet Kaur** for giving us the opportunity to do the project and providing valuable guidance throughout this research. Their dynamism, vision and exquisite efforts have deeply inspired us. They taught us the methodology to carry out the research and to present the research work as clearly as possible. It was a great privilege for us to study and work under their guidance. We owe the completion of my project to our project Mentor for her continuous support and guidance.

CHAPTER-1
INTRODUCTION

The code it now is a web based application. The main purpose of “code it now” is to provide a convenient way for the reader to get knowledge about different coding language and other skill. The objective of this project is to develop a system that introduce different coding language, courses on a single platform. In this project, we will make an easier task of searching different coding language and their courses. In the present system a learner has to visit different sites to get knowledge about different courses related to computer science. This often requires a lot of time and effort. We provide approach skills to critically examine how this website work and how you get everything on this website. It is tedious for a learner to choose a course on different website. The project ‘code it now’ is developed to join different content on numerous website on single website for the convinent of learner.

1.1 Software and Hardware tools required for Project:-

Software:

- **HTML**

Hypertext Markup Language (**HTML**) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

- **CSS**

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files.

- **JAVASCRIPT**

JavaScript often abbreviated as **JS**, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.
Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it for client-side page behavior, and all major web browsers have a dedicated JavaScript engine to execute.

- **PHP**

PHP is a general-purpose scripting language that is especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994; the PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

- **MY SQL**

SQL is a standard language for accessing and manipulating databases. SQL stands for Structured Query Language. SQL lets you access and manipulate databases. SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987. SQL can execute queries against a database, retrieve data, insert records in a database, update records ,delete records, create new databases, create new tables in a database, create stored procedures in a database, create views in a database, set permissions on tables, procedures, and views.

Hardware:

- Processor (CPU) with 2 gigahertz (GHz) frequency or above
- A minimum of 2 GB of RAM
- Monitor Resolution 1024 X 768 or higher
- A minimum of 20 GB of available space on the hard disk .Internet Connection Broadband

(high-speed) Internet connection with a speed of 4 Mbps.

1.2 HTML

The Hyper Text Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.
HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CHAPTER-2
Material and methodology

2.1 Planning of work:

Several materials are used to built this project . Certain software interfaces are used like window 8/10 , 4gb ram/255gb hdd .Technologies are also used like JAVA, MY SQL, PHP, for web development tools.

UI Design: It includes designing and creating the web application in a clean way with a simple UI so that the user doesn't require any training for operating this restful web service. Also, user doesn't face any kind of complexity in his/her experience.

Front-End Development: It includes managing everything that user visually see first in theweb application. Separating and modelling different interacting actions. And developing bug free and clean front-end code to reduce UI crash possibilities. Creating as much less and easy screen navigation to have better performance.

Back-End Development: It includes managing the service side of the application and everything that communicates between the database and the REST API we are using for this web service.

Integration: It includes integration of API calls with module and actions decided at Front-end.

Testing: This is the process include testing of various models and actions call with various location and various input.

- First of all you visit to the home page where title and company name is present and it also consist a button of 'let's start' when you click on this it redirect to main content.

- On visiting the main content there are some button which on clicking it visit to some other page which provide more content. New users will sign up and old users will log in to the system.

- Then some additional courses are introduced in which there are buttons which provide more information and video related to this topic.

- There is navigation button like home, about, contact, coding platform, register and many others. On clicking you can visit direct to the main page, contact page, about page and coding platform page.

- There is contact and about page which provide contact details and about us and why this coding website.

- You can register yourself to access free classes.

2.2 Model Approach and Requirement:

SOFTWARE INTERFACE

- WINDOWS 8/10
- 4Gb RAM
- MY SQL OR XAMPP CONTROL PANNEL
- HTML, CSS , JAVA SCRIPT , PHP

Several materials are used to built this project. Certain software interfaces are used like window 10 , 4gb RAM, XAMPP . Technologies are also used like Java script for development of the project. XAMPP is used for free open source database to store the data.

TEAM WORK –

Our focus is to learn every aspect of the project and work as a team to contribute to each and every module in full potential as required. Where SAURAV SINGH will be leading the project while focusing more on Server-side programming and Database programming ie. BACKEND and some part of Front end, and PRASHANT KUMAR be focusing more on Front-end programming and Documentation.

This project can provide an easy and customizable solution which could help to manage their journey of coding for begineers. We are using latest technology in this project which can be modified if necessary. We also give online platform in which student can enroll in our site.

- MODULES handled by Prashant Kumar.
- BACKEND handled by Saurav Singh.

CHAPTER-3
Results and Snapshots

Result

Therefore, after implementing all the mentioned libraries as well as software tools, we finally website where learner different skill and coding languages whenever they want.

Home Page: This is our home page it consists some navigation option through which you can visit at any page of this web page directly.

SCREENSHOTS:

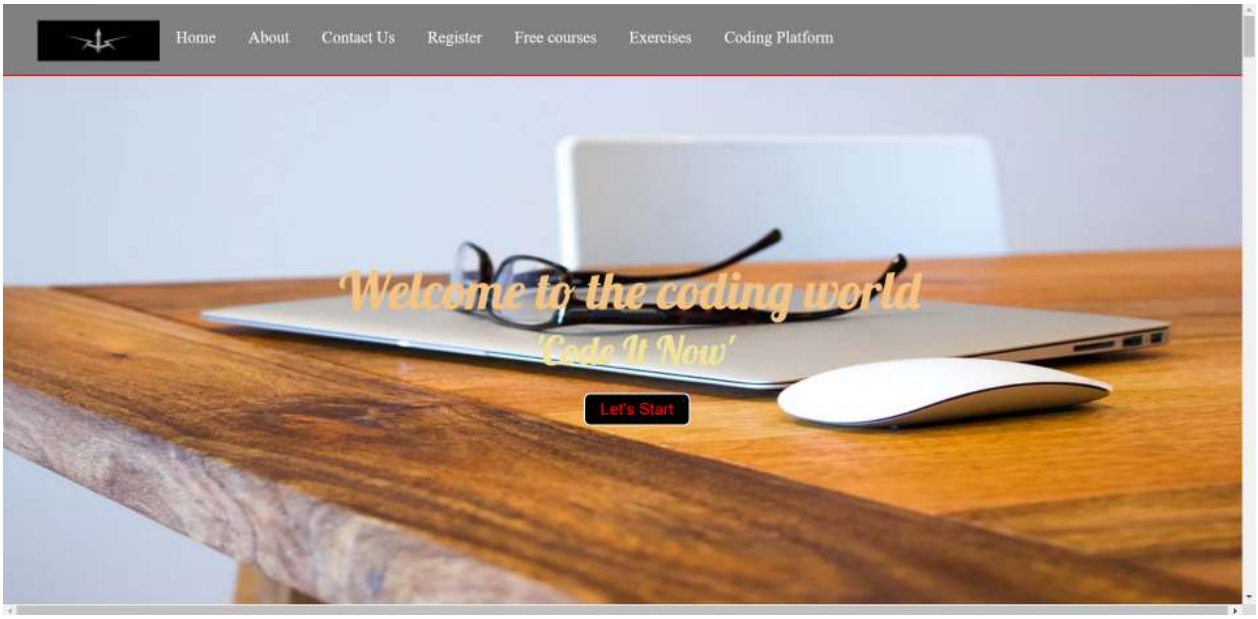


Fig:1 Home page

Register Page: This is the register page where you can register yourself.

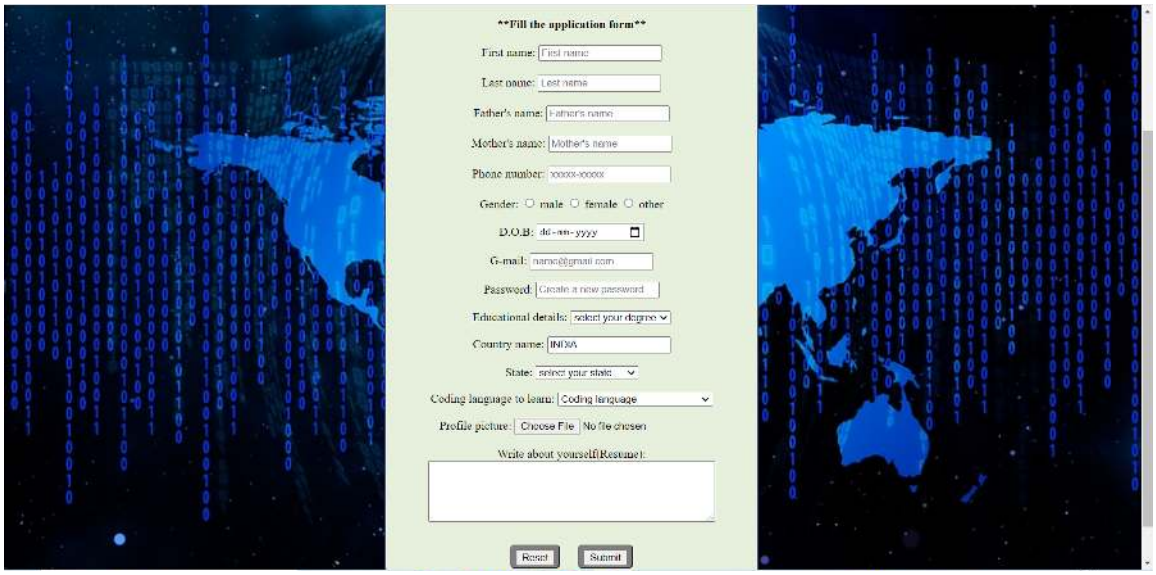


Fig:2 Register page

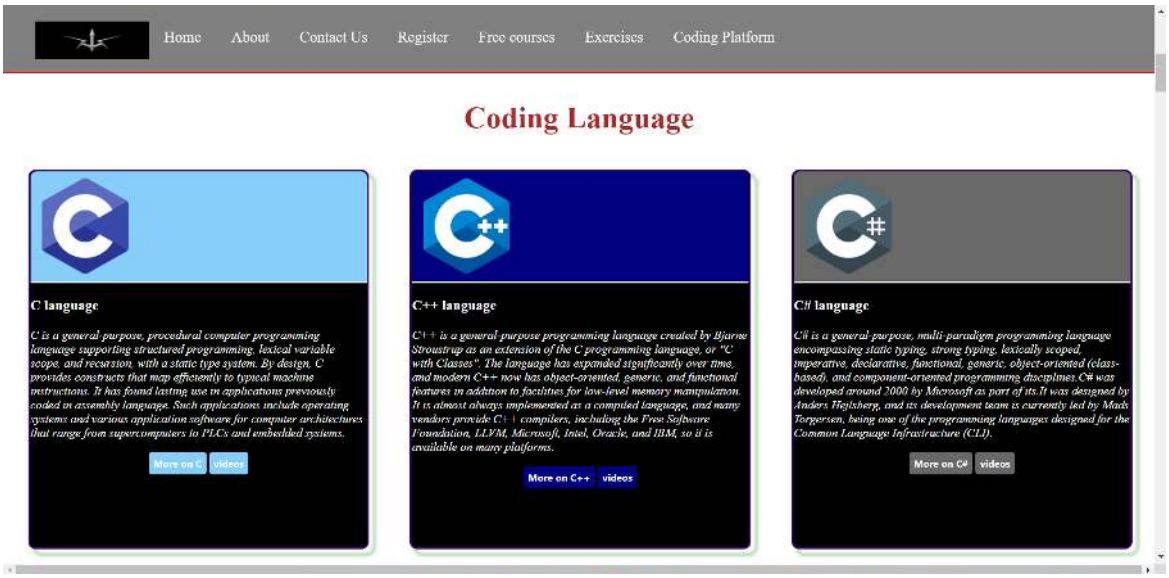


Fig:3 Menu page

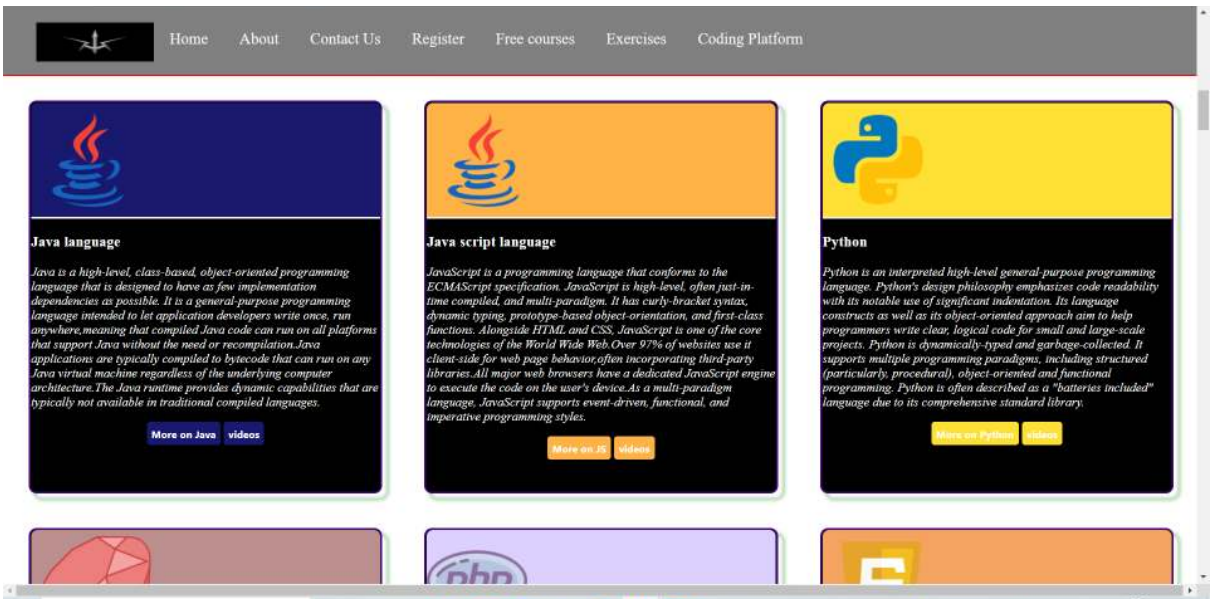


Fig:4 Menu page

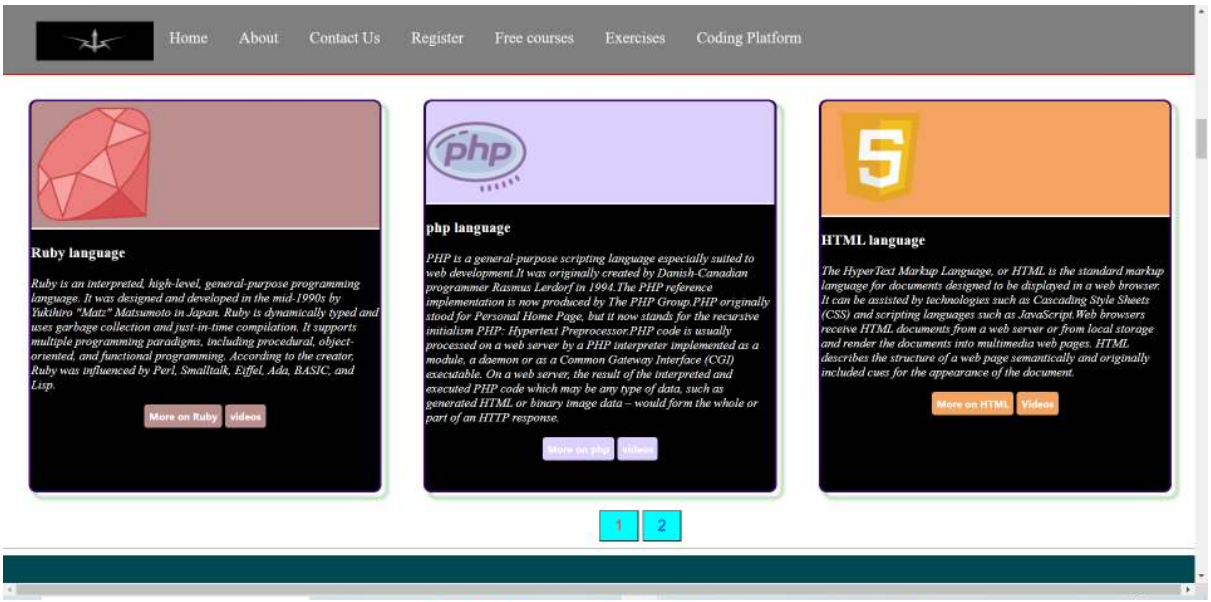


Fig:5 Menu page

Fig6: Menu Page

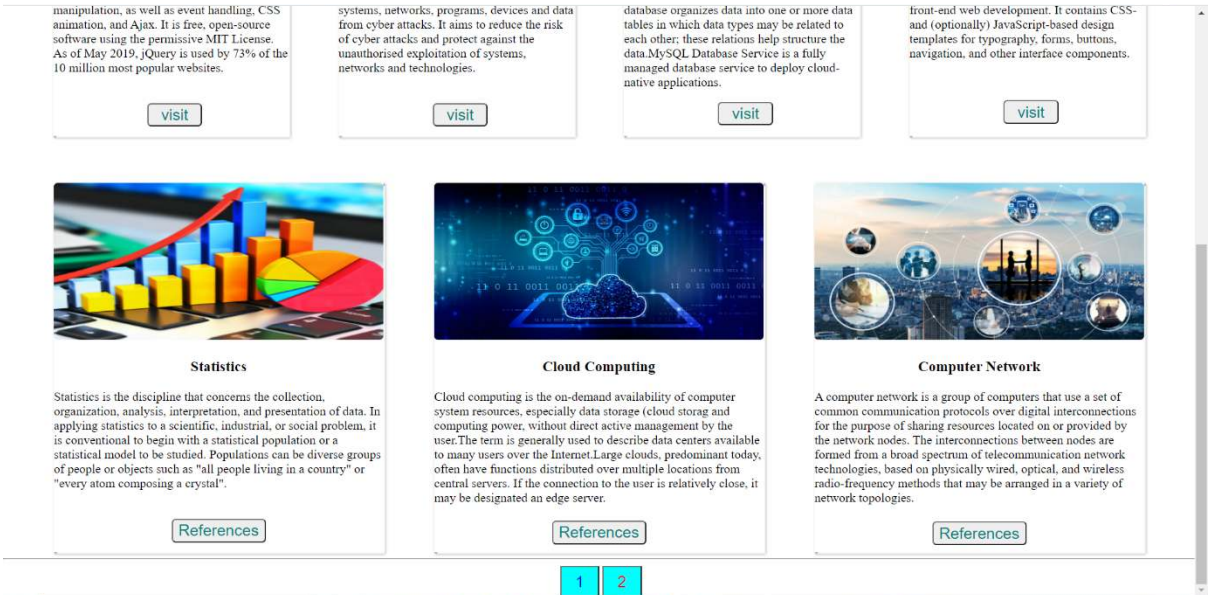
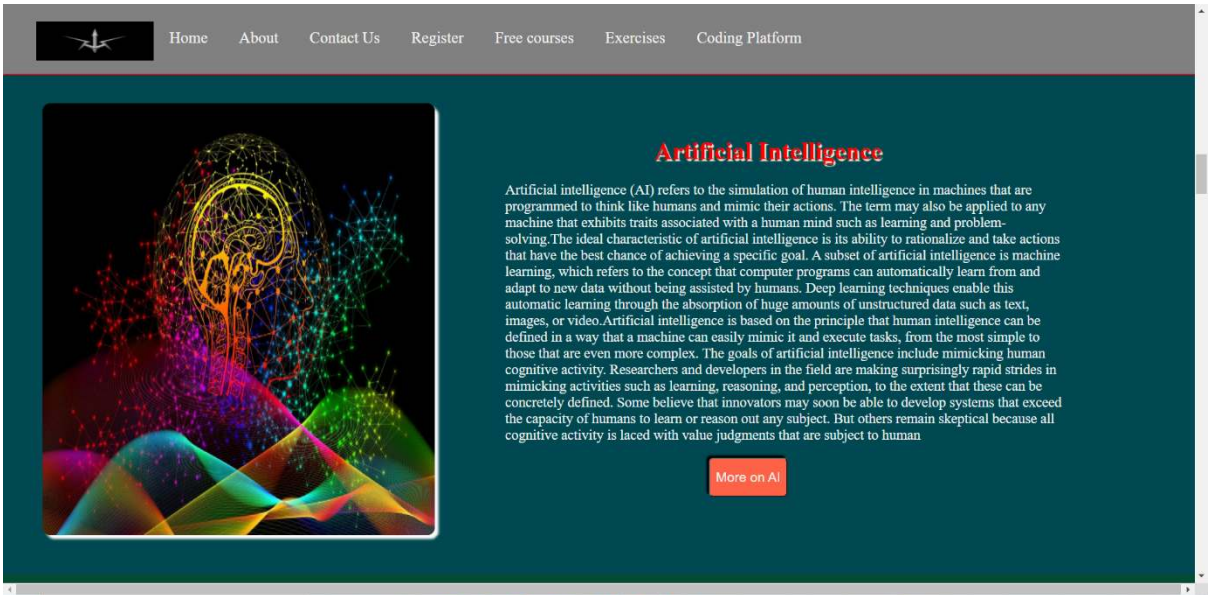


Fig7: Menu Page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Artificial Intelligence
Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving.The ideal characteristic of artificial intelligence is its ability to rationalize and take actions that have the best chance of achieving a specific goal. A subset of artificial intelligence is machine learning, which refers to the concept that computer programs can automatically learn from and adapt to new data without being assisted by humans. Deep learning techniques enable this automatic learning through the absorption of huge amounts of unstructured data such as text, images, or video.Artificial intelligence is based on the principle that human intelligence can be defined in a way that a machine can easily mimic it and execute tasks, from the most simple to those that are even more complex. The goals of artificial intelligence include mimicking human cognitive activity. Researchers and developers in the field are making surprisingly rapid strides in mimicking activities such as learning, reasoning, and perception, to the extent that these can be concretely defined. Some believe that innovators may soon be able to develop systems that exceed the capacity of humans to learn or reason out any subject. But others remain skeptical because all cognitive activity is laced with value judgments that are subject to human
More on AI

Fig 8


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Internet Of Things
The Internet of things (IoT) describes the network of physical objectsâ€"a.k.a. "things"â€"that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the Internet. Things have evolved due to the convergence of multiple technologies, real-time analytics, machine learning, ubiquitous computing, commodity sensors, and embedded systems. Traditional fields of embedded systems, wireless sensor networks, control systems, automation (including home and building automation), and others all contribute to enabling the Internet of things. In the consumer market, IoT technology is most synonymous with products pertaining to the concept of the "smart home", including devices and appliances (such as lighting fixtures, thermostats, home security systems and cameras, and other home appliances) that support one or more common ecosystems, and can be controlled via devices associated with that ecosystem, such as smartphones and smart speakers. The IoT can also be used in healthcare systems. An IoT ecosystem consists of web-enabled smart devices that use embedded systems, such as processors, sensors and communication hardware, to collect, send and act on data they acquire from their environments. IoT devices share the sensor data they collect by connecting to an IoT gateway or other edge device where data is either sent to the cloud to be analyzed or analyzed locally. Sometimes, these devices communicate with other related devices and act on the information they get from one another. The devices do most of the work without human intervention, although people can interact with the devices -- for instance, to set them up, give them instructions or access the data.
More on IOT

Fig 9


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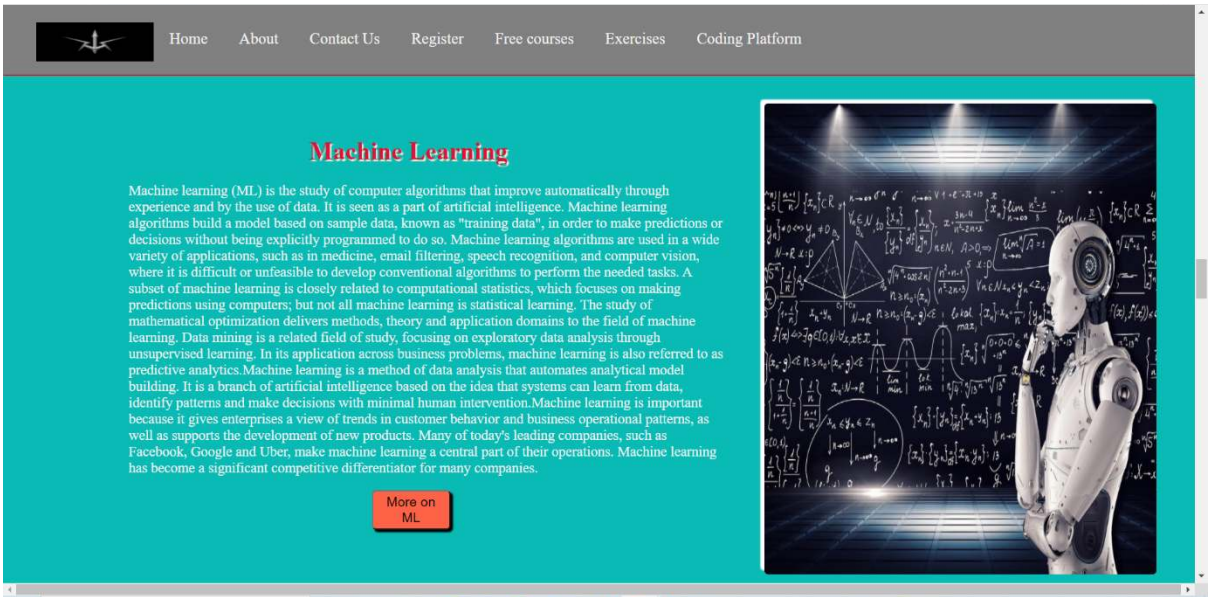
Android Development
Android software development is the process by which applications are created for devices running the Android operating system. Google states that "Android apps can be written using Kotlin, Java, and C++ languages" using the Android software development kit (SDK), while using other languages is also possible. All non-JVM languages, such as Go, JavaScript, C, C++ or assembly, need the help of JVM language code, that may be supplied by tools, likely with restricted API support. Some programming languages and tools allow cross-platform app support (i.e. for both Android and iOS). Third party tools, development environments, and language support have also continued to evolve and expand since the initial SDK was released in 2008. The official Android app distribution mechanism to end users is Google Play; it also allows staged gradual app release, as well as distribution of pre-release app versions to testers.Android is an open source and Linux-based operating system for mobile devices such as smartphones and tablet computers. Android was developed by the Open Handset Alliance, led by Google, and other companies. This tutorial will teach you basic Android programming and will also take you through some advance concepts related to Android application development.
More on AD

Fig 10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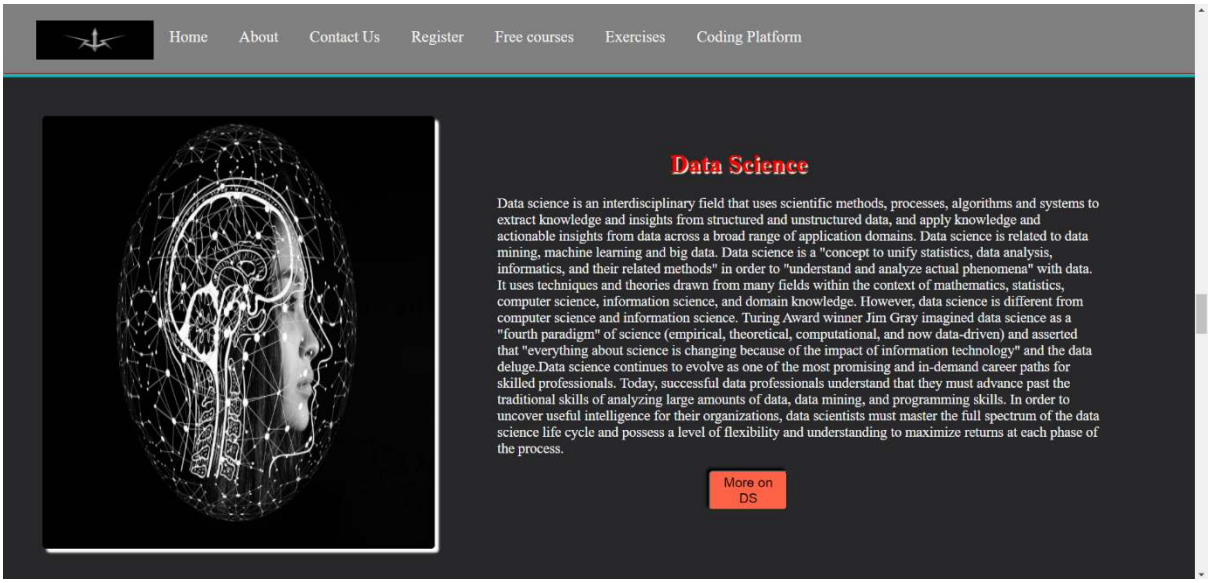
Machine Learning
Machine learning (ML) is the study of computer algorithms that improve automatically through experience and by the use of data. It is seen as a part of artificial intelligence. Machine learning algorithms build a model based on sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to do so. Machine learning algorithms are used in a wide variety of applications, such as in medicine, email filtering, speech recognition, and computer vision, where it is difficult or unfeasible to develop conventional algorithms to perform the needed tasks. A subset of machine learning is closely related to computational statistics, which focuses on making predictions using computers; but not all machine learning is statistical learning. The study of mathematical optimization delivers methods, theory and application domains to the field of machine learning. Data mining is a related field of study, focusing on exploratory data analysis through unsupervised learning. In its application across business problems, machine learning is also referred to as predictive analytics.Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.Machine learning is important because it gives enterprises a view of trends in customer behavior and business operational patterns, as well as supports the development of new products. Many of today's leading companies, such as Facebook, Google and Uber, make machine learning a central part of their operations. Machine learning has become a significant competitive differentiator for many companies.
More on ML

Fig 11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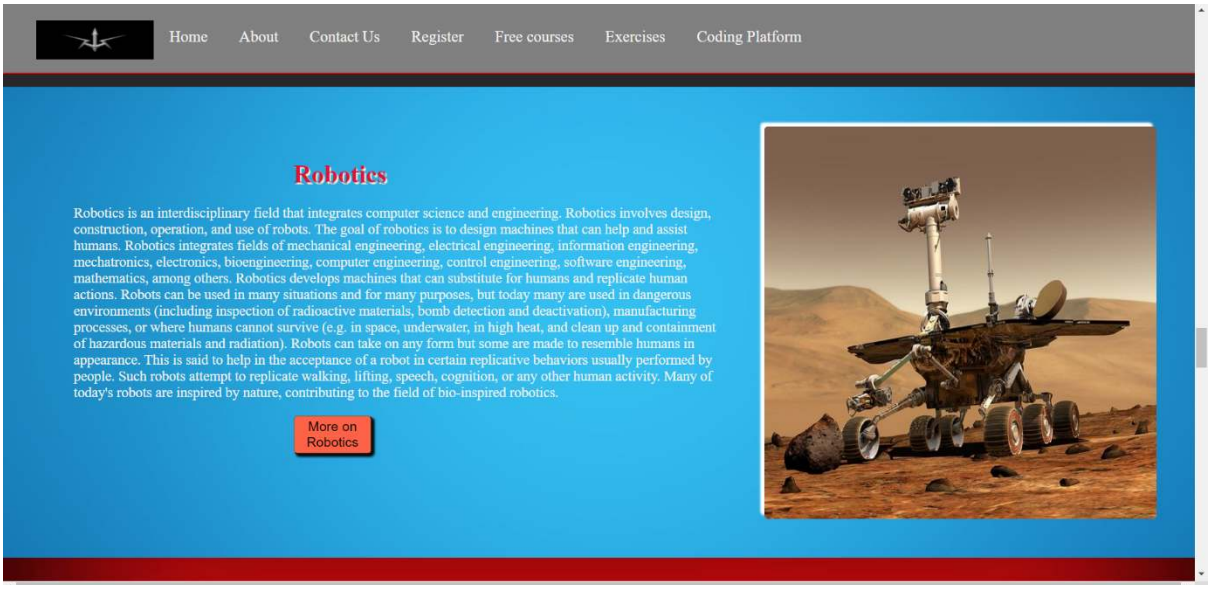
Data Science
Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data, and apply knowledge and actionable insights from data across a broad range of application domains. Data science is related to data mining, machine learning and big data. Data science is a "concept to unify statistics, data analysis, informatics, and their related methods" in order to "understand and analyze actual phenomena" with data. It uses techniques and theories drawn from many fields within the context of mathematics, statistics, computer science, information science, and domain knowledge. However, data science is different from computer science and information science. Turing Award winner Jim Gray imagined data science as a "fourth paradigm" of science (empirical, theoretical, computational, and now data-driven) and asserted that "everything about science is changing because of the impact of information technology" and the data deluge.Data science continues to evolve as one of the most promising and in-demand career paths for skilled professionals. Today, successful data professionals understand that they must advance past the traditional skills of analyzing large amounts of data, data mining, and programming skills. In order to uncover useful intelligence for their organizations, data scientists must master the full spectrum of the data science life cycle and possess a level of flexibility and understanding to maximize returns at each phase of the process.
More on DS

Fig 12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Robotics
Robotics is an interdisciplinary field that integrates computer science and engineering. Robotics involves design, construction, operation, and use of robots. The goal of robotics is to design machines that can help and assist humans. Robotics integrates fields of mechanical engineering, electrical engineering, information engineering, mechatronics, electronics, bioengineering, computer engineering, control engineering, software engineering, mathematics, among others. Robotics develops machines that can substitute for humans and replicate human actions. Robots can be used in many situations and for many purposes, but today many are used in dangerous environments (including inspection of radioactive materials, bomb detection and deactivation), manufacturing processes, or where humans cannot survive (e.g. in space, underwater, in high heat, and clean up and containment of hazardous materials and radiation). Robots can take on any form but some are made to resemble humans in appearance. This is said to help in the acceptance of a robot in certain replicative behaviors usually performed by people. Such robots attempt to replicate walking, lifting, speech, cognition, or any other human activity. Many of today's robots are inspired by nature, contributing to the field of bio-inspired robotics.
More on Robotics

Fig 13

Fig 14

Fig 15: upcoming courses

Fig 16: upcoming courses

Fig 17: upcoming courses

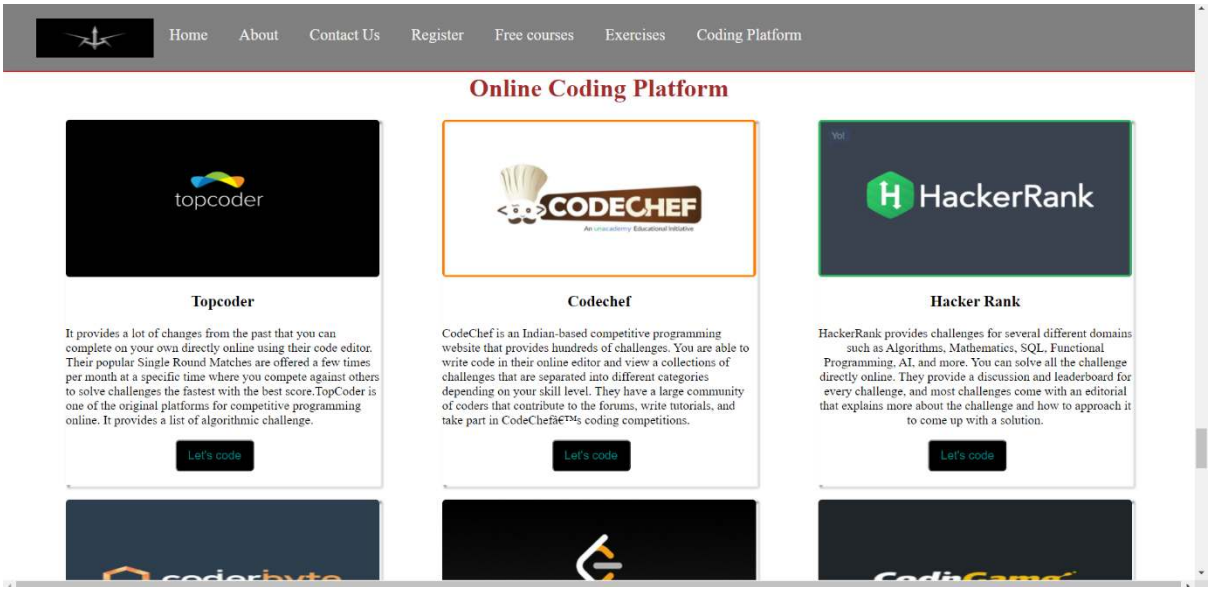

Fig 18: Coding platform

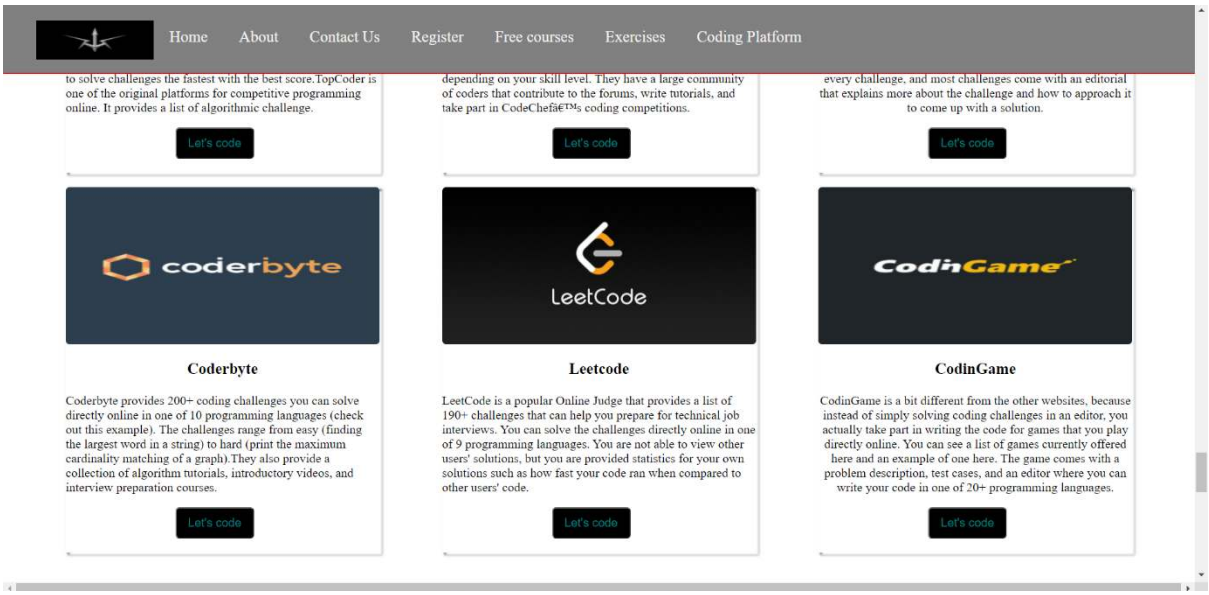

Fig 19: Coding platform

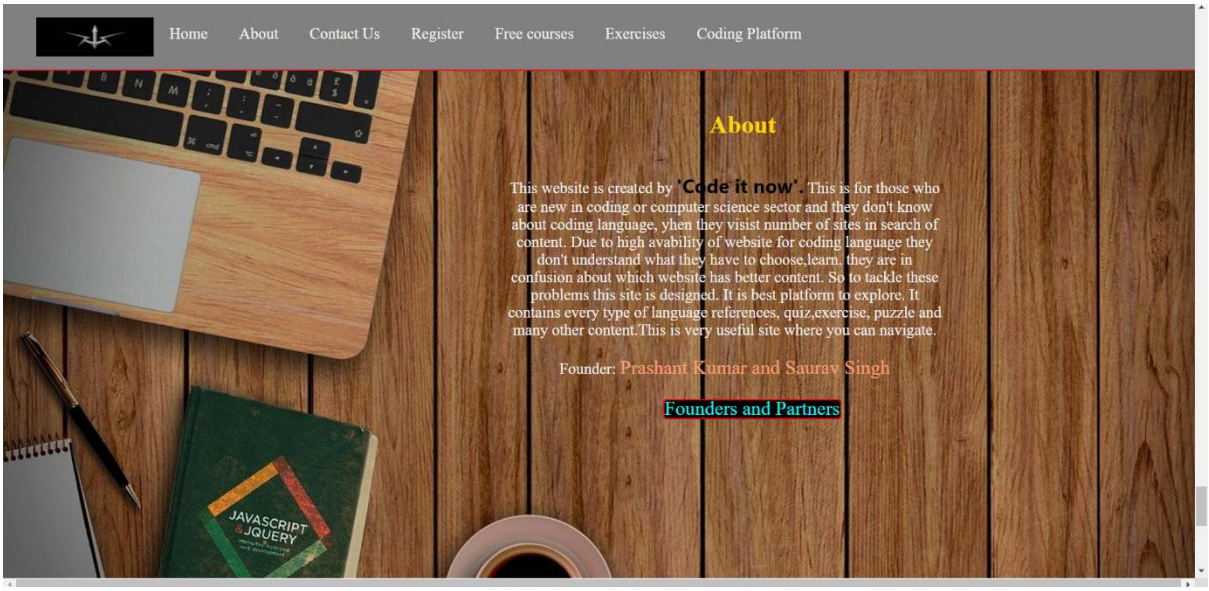

Fig 20: About

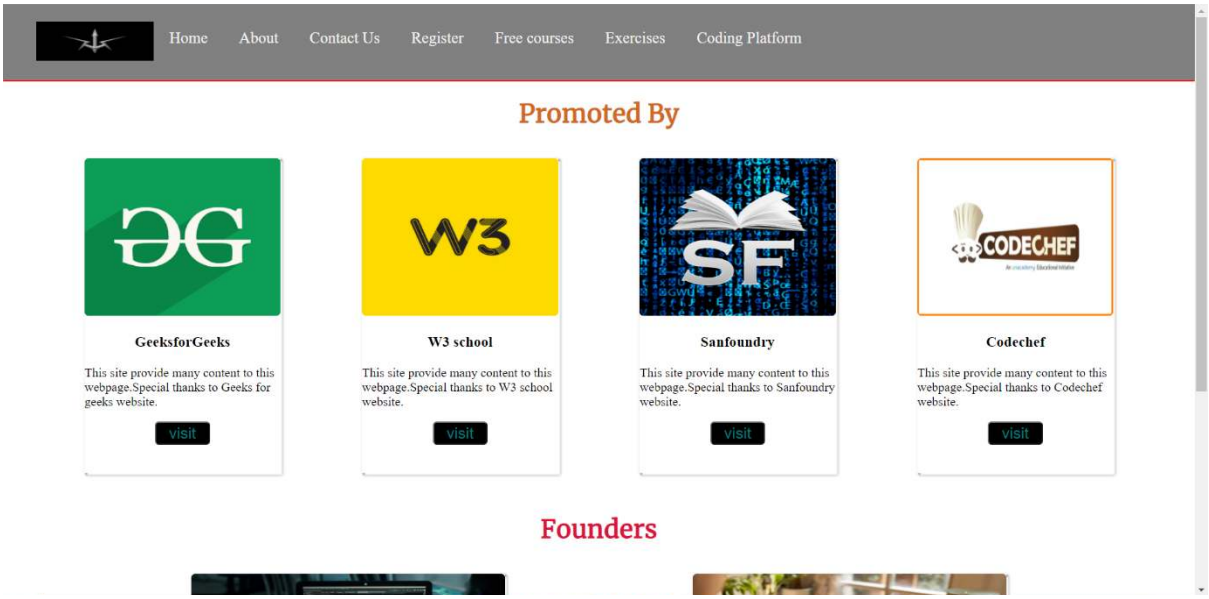

Fig 21: Promoted By

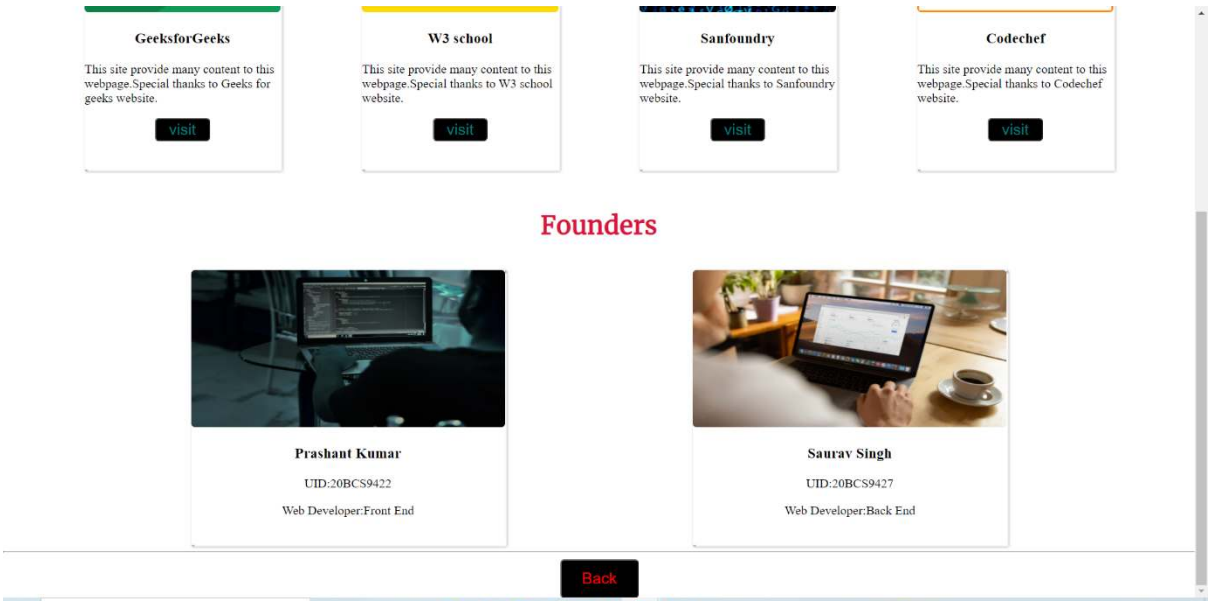

Fig 22: Founders

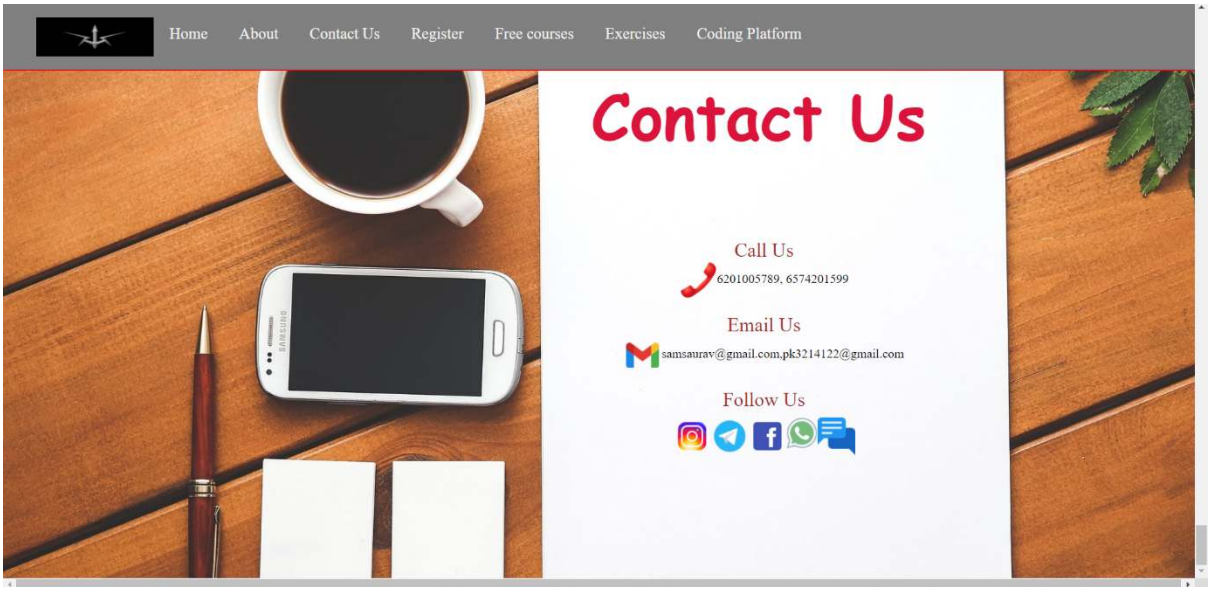

Fig 23: Contact us

```
<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"
 rel="stylesheet">
    <title>Coding World</title>
    <style>
        * {
            box-sizing: border-box;
```

```
        }
        body {
            top: 0px;
            left: 0px;
            margin: 0px;
            padding: 0px;
        }
        .mySlides {
            display: none;
        }
        img {
            vertical-align: middle;
        }
        /* Slideshow container */
        .slideshow-container {
            position: relative;
            /* margin: auto; */
        }
        .numbertext {
            color: #f2f2f2;
            font-size: 35px;
            margin-top: 240px;
            margin-left: 400px;
            padding: 8px 12px;
            position: absolute;
            top: 0;
            font-family: 'Lobster', cursive;
            color: rgb(245, 195, 130);
        }
        .numbertext1 {
            color: #f2f2f2;
            font-size: 25px;
            margin-top: 340px;

            margin-left: 640px;
            padding: 8px 12px;
            position: absolute;
            top: 0;
            font-family: 'Lobster', cursive;
            color: rgb(241, 228, 154);
        }

#aks1 {
            color: #f2f2f2;
            font-size: 25px;
            margin-top: 470px;
            /* margin-bottom:350px; */
            /* margin-right:350px; */
            margin-left: 700px;
            padding: 8px 12px;
            position: absolute;
            top: 0;
            font-family: 'Lobster', cursive;

        }
        /* The dots/bullets/indicators */
```

```
        .dot {
            height: 15px;
            width: 15px;
            margin: 0 2px;
            background-color: #bbb;
            border-radius: 50%;
            display: inline-block;
            transition: background-color 0.6s ease;
        }
        .active {
            background-color: #717171;
        }
        /* Fading animation */
        .fade {
            -webkit-animation-name: fade;
            -webkit-animation-duration: 200s;
            animation-name: fade;
            animation-duration: 1.5s;
        }
        @-webkit-keyframes fade {
            from {
                opacity: .7
            }

            to {
                opacity: 1
            }
        }
        @keyframes fade {
            from {
                opacity: .7
            }

            to {
                opacity: 1
            }
        }
        @media only screen and (max-width: 400px) {
            .numbertext {
                font-size: 10px
            }
        }
        #aks {
            height: 40px;
            width: 130px;
            background-color: black;
            border-radius: 8px;
            border: 2px solid white;
        }
        #aks a {
            text-decoration: none;
            font-size: 20px;
            color: red;
        }
/* new data */
        .growmore {
```

```
            border: 3px solid rgb(64, 6, 119);
            padding: 10px, 10px, 10px, 10px;
            margin-top: 0px;
            margin-bottom: 20px;
            margin-left: 30px;
            margin-right: 20px;
            border-radius: 10px;
            width: 450px;
            height: 500px;
            box-sizing: border-box;
            overflow: auto;
            list-style: none;
            background-color: black;
            box-shadow: 7px 7px 5px white, 7px 7px 5px rgb(28, 143, 28);
            /* blood shadow:offset-x offset-y blurradius spreadradius color an
d box-shadow:inset 7px 7px green;  inset ka matlab andar mai shadow  */
        }
        .growmore p {
            font-style: oblique;
            text-align: left;
            color: white;
        }
        #c {

            background-color: rgb(135, 206, 250);
            border-bottom: 3px solid whitesmoke;
            border-top-left-radius: 8px;
            border-top-right-radius: 8px;
        }
        #c1 {
            background-color: rgb(0, 0, 128);
            border-bottom: 3px solid whitesmoke;
            border-top-left-radius: 8px;
            border-top-right-radius: 8px;
        }

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

        .btn a:hover {
            color: rgb(5, 0, 0);
            background-color: rgb(221, 166, 38);
        }

        .btn a:visited {
            background-color: yellow;
        }

        .btn a:active {
            background-color: darkblue;
        }

        .btn {
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
            font-weight: bold;
            /* background-color: rgb(135, 206, 250); */
            padding: 6px;
            border: none;
            cursor: pointer;
            font-size: 13px;
            border-radius: 4px;
        }

        .btn :hover {
            color: darkgoldenrod;
            background-color: rgb(223, 245, 201);
            border: 2px solid black;
        }

        #btn1 {
            background: rgb(135, 206, 250);
        }


header::before {
            content: "";
            position: absolute;
            top: 0;
            left: 0;
            z-index: -1;
            opacity: 0.8;
        }

        .navigation {
            font-family: Georgia, 'Times New Roman', Times, serif;
            font-size: 20px;
            display: flex;
        }
        .navigation li {
            list-style: none;
        }
        section {
            height: 344px;
            font-family: 'Bree Serif', serif;
            margin: 3px 230px;
            display: flex;
            flex-direction: column;
            align-items: center;
            justify-content: center;
        }
        #him {
            align-items: center;
            font-size: 4rem;
            margin-top: 500px;
            font-family: 'Lobster', cursive;
        }
        #sam {
            align-items: center;
            font-size: 3rem;
            margin-top: 25px;
```

```
            color: rgb(255, 166, 107);
            font-family: 'Lobster', cursive;
        }
        section button {
            font-family: 'Bree Serif', serif;
            height: 40px;
            width: 150px;
            font-size: 25px;
            border-radius: 15px;
            background-color: black;
            border: 2px solid white;
        }
        section button a {
            text-decoration: none;
            color: white;
        }
        .items img {
            padding-top: 0px;
            height: 50px;
            width: 150px;
        }
        .item {
            padding: 9px 20px;
        }
        .navbar {
            top: 0px;
            left: 0px;
            height: 90px;
            width: 1530px;
            border: 2px solid red;
            border-top: 2px solid gray;
            border-left: 2px solid gray;
            border-right: 2px solid gray;
            background-color: gray;
            padding-top: 0px;
            position: fixed;
        }
        .navbar li a {
            text-decoration: none;
            color: whitesmoke;
            font-family: 'Times New Roman', Times, serif;
        }
        .navbar li a:hover {
            color: salmon;
            border-bottom: 1px solid red;

        }
        /* data science */
        #ni-2 img {
            width: 500px;
            height: 550px;
            margin: 50px;
            box-sizing: border-box;
            /* opacity: 0.9; */
            border-radius: 5px;
            box-shadow: 5px 5px 3px white;
```

```
        }
        .NI-1 {
            display: flex;
            flex-direction: inherit;
            height: 650px;
            width: 1520px;
            background: url('mateeblack.png') no-repeat center center/cover;
            content: "";
            position: static;
            top: 0px;
            left: 0px;
        }
        .NI-3 {
            height: 680px;
            width: 800px;
        }
        .DS {
            padding-left: 250px;
            padding-top: 70px;
            text-align: justify;
            color: red;
            text-shadow: 2px 2px 1px blanchedalmond;
        }
        #ni {
            padding-left: 30px;
            font-size: 18px;
            color: whitesmoke;
        }
        .NI-4 {
            margin-left: 300px;
            height: 50px;
            width: 100px;
            background: tomato;
            font-size: 17px;
            border-radius: 5px;
            box-shadow: -3px -3px 2px black;
        }
        .NI-4 a {
            text-decoration: none;
            color: black;
        }
        .NI-4 a:hover {
            color: rgb(5, 0, 0);
        }
        /* about */
        .AB-1 {
            display: flex;
            flex-direction: inherit;
            height: 700px;
            width: 1520px;
            background: url('coding2.jpg') no-repeat center center/cover;
            content: "";
            position: static;
            top: 0px;
            left: 0px;
        }
```

```
        .AB-5 {
            height: 500px;
            width: 600px;
            /* font-size:50px; */
        }
        .AB-4 {
            padding-left: 300px;
            padding-top: 70px;
            padding-bottom: 0px;
            text-align: justify;
            color: gold;
        }
        .AB-5 {
            padding-left: 40px;
            font-size: 18px;
            color: whitesmoke;
        }
        .AB-3 {
            display: flex;
            flex-direction: column;
            flex-wrap: wrap;
            justify-content: flex-start;
            text-align: center;
            padding-left: 600px;
        }
/* coding platform */
        .plat {
            text-align: center;
            /* padding-bottom:15px;
         padding-top:150px; */
            display: flex;
            justify-content: center;
            color: brown;
            font-family: 'Merriweather', serif;
        }
        .plat2 {
            height: 465px;
            width: 400px;
            display: flex;
            flex-direction: row;
            /* border:2px solid white; */
            box-shadow: 4px 4px 3px white, 3px 3px 3px black;
        }
        .plat2 img {
            height: 200px;
            width: 400px;
            border-radius: 5px;
        }
        .plat1 h3 {
            text-align: center;
            color: black;
            font-size: 20px;
        }
        .plat1 {
            display: flex;
            flex-direction: row;
```

```
            justify-content: space-evenly;
            position: static;
        }
        .plat1 p {
            color: black;
        }
        .buttN {
            justify-content: center;
            height: 40px;
            width: 100px;
            margin-left: 140px;
            border-radius: 5px;
            background-color: black;
        }
        .buttN a {
            text-decoration: none;
            font-size: 15px;
            color: teal;
        }
        .platform2 {
            height: 465px;
            width: 400px;
            display: flex;
            flex-direction: row;
            /* border:2px solid white; */
            box-shadow: 4px 4px 3px white, 3px 3px 3px black;
        }
        .platform2 img {
            height: 200px;
            width: 400px;
            border-radius: 5px;
        }
        .platform1 h3 {
            text-align: center;
            color: black;
            font-size: 20px;
        }
        .platform1 p {
            color: black;
        }
        .platform1 {
            display: flex;
            flex-direction: row;
            justify-content: space-evenly;
            position: static;
        }
    </style>
</head>

<body>



    <!-- <h2>Automatic Slideshow</h2>
<p>Change image every 2 seconds:</p> -->
```

```
    <div class="slideshow-container">


        <div class="mySlides fade">
            <div class="numbertext">
                <p style="font-size:4rem"> Welcome to the coding world</p>
            </div><br>
            <div class="numbertext1">
                <p style="font-size:3rem"> 'Code It Now'</p>
            </div><br>
            <div id="aks1">
                <button id="aks"><a href="#Home"> Let's Start</a></button>
            </div>
            <img src="https://cdn.pixabay.com/photo/2017/08/10/03/31/macbook-2
617705_960_720.jpg"
                style="height:750px; width:100%;">

        </div>



    <div style="text-align:center">
        <span class="dot"></span>
        <span class="dot"></span>
        <span class="dot"></span>
    </div>
    </div>
 <!-- new data -->
    <header>
        <nav class="navbar">
            <ul class="navigation">
                <li class="items"><img
                        src="https://p4.wallpaperbetter.com/wallpaper/556/1022
/404/code-geass-logos-1024x768-anime-code-geass-hd-art-wallpaper-preview.jpg"
                        alt="none"></li>
                <!-- <li class="item"><a href="http://127.0.0.1:5500/rough.htm
l"> Home</a></li> -->
                <li class="item"><a href="#Home">Home</a></li>
                <li class="item"><a href="#ab-1">About </a></li>
                <li class="item"><a href="#cn">Contact Us</a></li>
                <li id="png" class="item"><a href="http://127.0.0.1:5500/form1
.html">Register</a> </li>
                <li class="item" title="Online Courses"><a href="https://onlin
ecourses.nptel.ac.in/"> Free
                        courses</a></a></li>
                <li class="item" title="Question Banks"><a href="https://www.s
anfoundry.com/">Exercises</a></li>
                <li class="item" title=" Online Compiler"><a href="#CD">Coding
 Platform</a></li>
            </ul>
        </nav>
    </header>

    <br>
    <div id="Home">
```

```
        <h1 style="text-align: center; color:brown; font-size:40px;">Coding La
nguage</h1>
        <table>
            <tr>
                <ul class="listitem">
                    <td>
                        <li class="growmore">
                            <div class="post-image bg1" id="c">
                                <img src="https://img.icons8.com/color/144/000
000/c-programming.png"
                                    alt="Fast and easy to use">
                            </div>

                            <div class="post-content">
                                <h3 style="color:white;">C language </h3>
                                <p>C is a general-purpose, procedural computer
 programming language supporting
                                    structured
                                    programming, lexical variable scope, and r
ecursion, with a static type system. By
                                    design, C
                                    provides constructs that map efficiently t
o typical machine instructions. It has
                                    found
                                    lasting use in applications previously cod
ed in assembly language. Such applications
                                    include
                                    operating systems and various application
software for computer architectures that
                                    range from
                                    supercomputers to PLCs and embedded system
s. </p>
                                <center><button class="btn" id="btn1"><a href=
"http://127.0.0.1:5500/C1.html">More on
                                            C</a>
                                    </button>
                                    <button class="btn" id="btn1"><a
                                            href="https://www.youtube.com/watc
h?v=7Dh73z3icd8&list=PLu0W_9lII9aiXlHcLx-mDH1Qul38wD3aR">videos</a>
                                    </button>
                                </center>

                            </div>
                        </li>
                    </td>
                <td>
                    <li class="growmore-1">
                        <div class="post-image bg5" id="c7">
                            <img src="https://img.icons8.com/dusk/128/000000/p
hp-logo.png"
                                alt="Full file format supported">
                        </div>

                        <div class="post-content">
                            <h3 style="color:white;">php language</h3>
```

```
                            <p>PHP is a general-purpose scripting language esp
ecially suited to web development.It was
                                originally created by Danish-Canadian programm
er Rasmus Lerdorf in 1994.The PHP
                                reference
                                implementation is now produced by The PHP Grou
p.PHP originally stood for Personal Home
                                Page, but
                                it now stands for the recursive initialism PHP
: Hypertext Preprocessor.PHP code is
                                usually
                                processed on a web server by a PHP interpreter
 implemented as a module, a daemon or as a
                                Common
                                Gateway Interface (CGI) executable. On a web s
erver, the result of the interpreted and
                                executed
                                PHP code which may be any type of data, such a
s generated HTML or binary image data –
                                would
                                form the whole or part of an HTTP response.</p
>
                            <center><button class="btn" id="btn8"><a
                                    href="http://127.0.0.1:5500/Web%20deve
lopment/php.html">
                                    More on
                                    php</a></button>
                                <button class="btn" id="btn8"> <a
                                    href="https://www.youtube.com/watch?v=
1SnPKhCd1sU">videos</a></button>
                            </center>
                        </div>
                    </li>
                </td>
                <td>
                    <li class="growmore-1">
                        <div class="post-image bg6" id="c8">
                            <img src="https://img.icons8.com/color/144/000000/
html-5--v2.png" alt="Cloud support">
                        </div>

    <!-- enrollment page -->

    <div id="enrolls">
        <h1 class="prom">Upcoming Courses</h1>
        <div class="prom1">
            <div class="prom2">
                <div>
                    <img src="https://miro.medium.com/max/1838/1*OdEUXKMKpM9DR
NOXBQhGkA.png" alt="none">
                    <h3 style="color:brown;">Machine Learning</h3>
                    <h3 style="color:brown;">Instructer |IIT kharagpur</h3>
                    <p style="text-align:center;color:black;">Prof. Sanjeev Ku
mar, Prof. S. K. Gupta </p>
                    <h3 style="color:brown;">Course Duration</h3>
```

```
                    <p style="text-align:center; color:black;">Full Term - 12
weeks course </p>
                    <button class="butt"><a
                            href="https://onlinecourses.nptel.ac.in/noc21_cs85
/preview">Enroll</a></button>
                </div>
            </div>
            <div class="prom2">
                <div>
                    <img src="https://www.sentinelassam.com/wp-content/uploads
/2020/03/Artificial-Intelligence.jpg"
                        alt="none">
                    <h3 style="color:brown;">Artificial Intelligence</h3>
                    <h3 style="color:brown;">Instructer |IIT Madras</h3>
                    <p style="text-align:center; color:black;">Prof. Deepak Kh
emani </p>
                    <h3 style="color:brown;">Course Duration</h3>
                    <p style="text-align:center; color:black;">Full Term - 12
weeks course </p>
                    <button class="butt"><a
                            href="https://onlinecourses.nptel.ac.in/noc21_cs79
/preview">Enroll</a></button>
                </div>
            </div>
            <div class="prom2">
                <div>
                    <img src="https://itchronicles.com/wp-content/uploads/2020
/11/examples-of-IoT.png" alt="none">
                    <h3 style="color:brown;">Internet Of Things</h3>
                    <h3 style="color:brown;">Instructer |IIT Kharagpur</h3>
                    <p style="text-align:center; color:black;">Prof. Sudip Mis
ra </p>
                    <h3 style="color:brown;">Course Duration</h3>
                    <p style="text-align:center; color:black;">Full Term - 12
weeks course </p>
                    <button class="butt"><a
                            href="https://onlinecourses.nptel.ac.in/noc21_cs63
/preview">Enroll</a></button>
                </div>
            </div>
            <div class="prom2">
                <div>
                    <img src="https://www.mintmedia.in/wp-content/uploads/2020
/08/E-Commerce-Services-Web-Development-Company-in-India-MintMedia.jpeg"
                        alt="none">
                    <h3 style="color:brown;">Web Development</h3>
                    <h3 style="color:brown;">Instructer |Jhons Hopkin Universi
ty</h3>
                    <p style="text-align:center; color:black;">Yaakov Chaikin
</p>
                    <h3 style="color:brown;">Course Duration</h3>
                    <p style="text-align:center; color:black;">Full Term - 12
weeks course </p>
                    <button class="butt"><a
                            href="https://www.coursera.org/learn/html-css-java
script-for-web-developers">Enroll</a></button>
```

```
                </div>
            </div>
        </div><br>
        <div class="tools" style="margin-left:650px; ">
            <button style="height:40px; width:50px; background-color:aqua; col
or:red; font-size:20px;">1</button>
            <button style="height:40px; width:50px; background-color:aqua; "><
a
                    style="text-decoration: none; font-size: 20px;" href="enro
llmentpage1.html">2</a></button>
            <button style="height:40px; width:50px; background-color:aqua; "><
a
                    style="text-decoration: none; font-size: 20px;" href="enro
llmentpage2.html">3</a></button>
            <button style="height:40px; width:50px; background-color:aqua; "><
a
                    style="text-decoration: none; font-size: 20px;" href="enro
llmentpage3.html">4</a></button>
        </div>
        <hr style="color:black">
    </div>
    <!-- coding platform -->
    <div id="CD">
        <h1 class="plat">Online Coding Platform</h1>
        <div class="plat1">
            <div class="plat2">
                <div>
                    <img src="https://images.ctfassets.net/piwi0eufbb2g/6nCaCY
xOpz6ody4U5cGIbd/69c23706c8f4e33aa67517616c3d4f4e/Topcoder-Generic-Banner.jpg"
                        alt="none">
                    <h3>Topcoder</h3>
                    <p>It provides a lot of changes from the past that you can
 complete on your own directly online
                        using their code editor. Their popular Single Round Ma
tches are offered a few times per month at
                        a specific time where you compete against others to so
lve challenges the fastest with the best
                        score.TopCoder is one of the original platforms for co
mpetitive programming online. It provides
                        a list of algorithmic challenge.</p>
                    <button class="buttN"><a href="https://www.topcoder.com/co
mmunity/practice">Let's code</a></button>
                </div>
            </div>
        <hr style="color:black;">   <!-- about -->
        <div class="AB-1" id="ab-1">
            <div class="AB-3">
                <h1 class="AB-4" id="ab-4">About </h1>
                <p class="AB-5" id="ab-5" style="font-size: 20px;">
                    This website is created by <strong><b
                            style="color:black; font-size:25px; font-family: -
apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarel
l, 'Open Sans', 'Helvetica Neue', sans-serif;">
                            'Code it now'.</b></strong>
                    This is for those who are new in coding or computer scienc
e sector and they don't know about coding
```

```
                    language,
                    yhen they visist number of sites in search of content. Due
 to high avability of website for coding
                    language they don't understand what they have to choose,le
arn. they are in confusion about which
                    website
                    has better content. So to tackle these problems this site
is designed. It is best platform to
                    explore. It
                    contains every type of language references, quiz,exercise,
 puzzle and many other content.This is
                    very
                    useful site where you can navigate. <br>
                    <br>Founder:
                    <span style="color:lightsalmon; font-size: 25px;;">
                        Prashant Kumar and Saurav Singh</span><br><br>
                    <span class="PF" id="pf">
                        <a href="powered by.html">Founders and Partners</a></s
pan>
                </p>
            </div>
        </div>
        <!-- Contact Details -->
        <div class="CN-1" id="cn">
            <h1 style="font-family: 'Permanent Marker', cursive; padding-left:
750px;  font-size:80px; color:crimson;">
                Contact Us</h1>
            <div class="CN-2">
                <div style="color:brown; font-size: 25px; text-align: center;
">Call Us</div>
                <div style="text-align: center; color:black;"><img
                        src="https://img.icons8.com/emoji/48/000000/telephone-
receiver.png" />6201005789,
                    6574201599</div><br>
                <div style="color:brown; font-size: 25px; text-align: center;
">Email Us</div>
                <div style="text-align: center; color:black"><img
                        src="https://img.icons8.com/color/48/000000/gmail-new.
png" />samsaurav@gmail.com,pk3214122@gmail.com
                </div><br>
                <div style="color:brown; font-size: 25px; text-align: center;
">Follow Us</div>
                <div class="CN-3">
                    <div><img src="https://img.icons8.com/color/48/000000/inst
agram-new.png" /></div>
                    <div><img src="https://img.icons8.com/color/48/000000/tele
gram-app.png" /></div>
                    <div><img src="https://img.icons8.com/color/48/000000/face
book.png" /></div>
                    <div><img src="https://img.icons8.com/office/40/000000/wha
tsapp--v3.png" /></div>
                    <div><img src="https://img.icons8.com/color/48/000000/mess
aging-.png" /> </div>
                </div>
            </div>
        </div>
```

```
    </div>

    <script>
        var slideIndex = 0;
        showSlides();
        function showSlides() {
            var i;
            var slides = document.getElementsByClassName("mySlides");
            var dots = document.getElementsByClassName("dot");
            for (i = 0; i < slides.length; i++) {
                slides[i].style.display = "none";
            }

            slideIndex++;
            if (slideIndex > slides.length) { slideIndex = 1 }
            for (i = 0; i < dots.length; i++) {
                dots[i].className = dots[i].className.replace(" active", "");
            }

            slides[slideIndex - 1].style.display = "block";
            dots[slideIndex - 1].className += " active";
            setTimeout(showSlides, 5000); // Change image every 5 seconds
        }

    </script>
</body>
</html>
```

CHAPTER 4

CONCLUSION AND FUTURE SCOPE

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding has also been adopted. The objective of the software planning is to provide a framework with a limited project completion time frame at the beginning of the project and should be updated on a regular basis.

POSSIBLE FUTURE WORK

- We can give security to this website.
- We can add more courses and exercises.
- Integrate multiple load balancers to distribute the load of system.
- Create a backup mechanism for backing up data and informations.
- We will host the platform on online servers, to make it accessible worldwide.
- We try to create our quiz system without the help of any website.

REFERENCES

1. W3Schools : https://www.w3schools.com/
2. GeeksforGeeks: https://www.geeksforgeeks.com/

3.Codechef : https://www.codechef.com/

4.Icons8: https://icons8.com/

5.Pexels: https://www.pexels.com/

6.Pixabay: https://www.pixabay.com/

7.Wikepidea: https://en.wikipedia.org/wiki/Main_Page