

LAB PROJECT REPORT:

Python Learning Website

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Subject:

Introduction to computing ITC(SWE-105)

Course Instructor:

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INTRODUCTION

The purpose of the website is to redirect user to a YouTube video. It is best for gaining audience toward a respective channel or video on YouTube. This website consists of 5 cards which are attached to a YouTube video link.

# ABSTRACT:

# The objective is to create a web application that give the support to raise an audience to YouTube Channel. Admin can share the category, Playlist or niche’s link through which people can approach the YouTube Channel.

# WEB TECHNOLOGY USED:

Front end:

HTML5 and CSS3

Back end:

None

# IDE:

Visual studio Code

# HOSTING LINK:

Technology used : GitHub

Website link: https://abdulmoizchishti.github.io/ITCproject/

# CODE

**HTML5 Coding:**

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <meta charset="utf-8" />  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <title>Python Learning</title>  <meta name="viewport" content="width=device-width, initial-scale=1">  <link rel="icon"  type="image/png"  href="Main logo 2.png">    <link rel="stylesheet" type="text/css" media="screen" href="style.css" />  <script src="main.js"></script>  </head>  <body>  <ul>  <li><a href="../Home/home.html"><img src="Main logo 2.png" width="30" height="30" alt="mainlogo"></a></li>  <li><a href="../Home/home.html">Home</a></li>  </ul>    <header class="masthead clear">  <div class="core\_PYTHON">  <center> <h1 class="h1"> Group 8</h1></center>  <center> <h2 class="h2" >CORE PYTHON</h2> </div></center>    <div class="course"><h1 >COMPLETE COURSE OF PYTHON</h1></div>  <div class="centered">    <div class="site-branding">  <h1 class="site-title">PYTHON LEARNING</h1>  </div>  <!-- .site-title -->  </div>  <!-- .centered -->  </header>  <!-- .masthead -->    <main class="main-area">    <div class="centered">    <section class="cards">    <article class="card">  <a href="https://www.youtube.com/watch?v=8kDfzk4z\_hE">  <figure class="thumbnail">  <img src="AI.jpg" alt="AI">  </figure>  <div class="card-content">  <h2>AI,IoT & AR</h2>  <p>Watch the Artificial Intelligence, Internet of Things and Augmented Reality Video on our Youtube channel... It is Totally Free. </p>  <!-- <a href="https://www.youtube.com/watch?v=IH-OldeNsxc&list=PLA9pgpaiFC6XNfLk2wP3pf0ldExnH8QWv">https://www.youtube.com/watch?v=IH-OldeNsxc&list=PLA9pgpaiFC6XNfLk2wP3pf0ldExnH8QWv</a> -->  </div>  <!-- .card-content -->  </a>  </article>  <!-- .card -->    <article class="card">  <a href="https://www.youtube.com/watch?v=8kDfzk4z\_hE">  <figure class="thumbnail">  <img src="HT.jpg" alt="meow">  </figure>  <div class="card-content">  <h2>Hacks & Tricks</h2>  <p> See some incredible Computer Hacks and tricks on our Youtube Channel for free. In order to go into the Youtube playlist. click the link bellow</p>  <!-- <a href="https://www.youtube.com/watch?v=jNhFzve1b0g&list=PLA9pgpaiFC6XGG\_M0COPtRFjbH\_IBW54H"> https://www.youtube.com/watch?v=jNhFzve1b0g&list=PLA9pgpaiFC6XGG\_M0COPtRFjbH\_IBW54H</a> -->  </div>  <!-- .card-content -->  </a>  </article>  <!-- .card -->    <article class="card">  <a href="https://www.youtube.com/watch?v=8kDfzk4z\_hE">  <figure class="thumbnail">  <img src="software.jpg" alt="meow">  </figure>  <div class="card-content">  <h2>Software Installations</h2>  <p> Check out the best software installation videos of the famous Computer Application.</p>  </div>  <!-- .card-content -->  </a>  </article>  <!-- .card -->    <article class="card">  <a href="https://www.youtube.com/watch?v=8kDfzk4z\_hE">  <figure class="thumbnail">  <img src="accounts.jpg" alt="meow">  </figure>  <div class="card-content">  <h2>Create Accounting Software</h2>  <p> Create Accounting software with PYTHON GUI(Graphical User Interface) .</p>  </div>  <!-- .card-content -->  </a>  </article>  <!-- .card -->    <article class="card">  <a href="https://www.youtube.com/watch?v=8kDfzk4z\_hE">  <figure class="thumbnail">  <img src="overview.jpg" alt="meow">  </figure>  <div class="card-content">  <h2>Overview of PYTHON Softwares</h2>  <p>Check out some cool PYTHON software Tutorials through which you can make your own Desktop software application easily.</p>  </div>  <!-- .card-content -->  </a>    </section>  <!-- .cards -->    </div>  <!-- .centered -->    </main>  </body>  </html> |

**CSS Coding:**

|  |
| --- |
| body{  background-image: url("back.jpg");  background-size: 100%;  }  ul {  list-style-type: none;  margin: 0;  padding: 0;  overflow: hidden;  background-color: #333;    list-style-type: none;  margin: 0;  padding: 0;  overflow: hidden;  /\* background-color: #333; \*/  background-image: url("back.jpg");  background-size: 100%;  position: fixed; /\* Set the navbar to fixed position \*/  top: 0; /\* Position the navbar at the top of the page \*/  width: 100%;  position: fixed;  top: 0;  right: 0;  left: 0;  z-index: 1030;  }  li {  float: left;  }  li a {  display: block;  color: white;  text-align: center;  padding: 14px 16px;  text-decoration: none;  }  /\* Change the link color to #111 (black) on hover \*/  li a:hover {  background-color:orangered;  }  .navbar{  width: 25;  height: 25;  }  body {  font-family: sans-serif;}  p {color: #666;}  h2 {  font-size: 2em;  color: #070707;  }  .centered {  margin: 0 auto;  padding: 0 1em;  }  @media screen and (min-width: 52em) {  .centered {  max-width: 52em;  }  }  /\*--------------------------------------------------------------  Header styles minus menu  --------------------------------------------------------------\*/  .masthead {  background: #e74c3c;  box-shadow: 3px 3px 8px hsl(0, 0%, 70%);  }  .site-title {  margin: 0 0 1em;  padding: 1em 0;  font-size: 2em;  font-weight: 300;  text-align: center;  color: black;  }  @media screen and (min-width: 44.44em) {  .site-title {  font-size: 2em;  }  }    @media screen and (min-width: 50em) {  .site-title {  font-size: 2.5em;  }  }  .site-title a {  color: hsl(5, 45%, 95%);  text-decoration: none;  }  .site-title a:hover {  text-decoration: underline;  }  /\* Card Based Layout - Base styles \*/  body {  background-image: url("back.jpg");  background-size: 100%;  line-height: 1.4;  }  .site-title {  color: white;  }  .card {  background: white;  margin-bottom: 2em;  }  .card a {  color: black;  text-decoration: none;  }  .card a:hover {  box-shadow: 3px 3px 8px hsl(0, 0%, 70%);  }  .card-content {  padding: 1.4em;  }  .card-content h2 {  margin-top: 0;  margin-bottom: .5em;  font-weight: normal;  }  .card-content p {  font-size: 95%;  }  .core\_PYTHON{  background-color: #fc6042;  display: block;  padding-top: 50px;  padding-bottom: 50px;  }  .course{  background-color:black;  color:#fff;  text-align:center;    }  .centered img {  width: 100%;  height: auto;  }  /\* Flexbox styles \*/  @media screen and (min-width: 40em) {  .cards {  margin-top: -1em;  display: flex;  justify-content: space-between;  flex-wrap: wrap;  }  .card {  margin-bottom: 1em;  display: flex;  flex: 0 1 calc(50% - 0.5em);  /\* width: calc(50% - 1em); \*/  }  } /\* mq 40em\*/  @media screen and (min-width: 60em) {  .cards {  margin-top: inherit;  }    .card {  margin-bottom: 2em;  display: flex;  flex: 0 1 calc(33% - 0.5em);  /\* width: calc(33% - 1em); \*/  }  } /\* mq 60em\*/ |

# FEATURES:

* A task bar is present on top of the page it consists of a python language logo and Button named Home which redirects u to the home page.
* The website has 5 cards which on clicking will redirect the user to a YouTube video.
* A task bar is also present on top of the screen which have only one button HOME which is attached to the home page.

REFERENCES

* W3 School
* Web dev
* Udemy