

Web technologies

PRACTICAL

Submitted To:-

MS. HANIT SOHAL

Submitted By:-

Daksh Goyal

IT A

Roll no - 1921020/1905318

Batch (2019-2023)

INDEX

- 1. Create a simple web pages by writing HTML using simple text editor, notepad. Demonstrate the following components of the web page : page title and headings paragraph and inline images.**
- 2. Demonstrate the use of links, lints, and tables in html. You should be able to link separate pages and create named links within a document, using them to build a “table of contents.”**
- 3. Create a simple forms in HTML and demonstrate the use of various form elements like input box, textarea, submit and radio buttons etc.**
- 4. Demonstrate the use of cascading style sheets(CSS) (inline, internal and external) to specify various aspects of style, such as colours and text fonts and sizes, in HTML document.**

5. Create of web pages using HTML5 & CSS3.

6. Demonstrate the use of Bootstrap framework.

7. Creating a web page using PHP.

1. Create a simple web pages by writing HTML using simple text editor, notepad. Demonstrate the following components of the web page : page title and headings paragraph and inline images.

CODE-

```
<html>
<html lang="en-us">
<head>
<p title="Practical fisrt"><center><b>This is a My First Practical.</b></center></p>
<title>FIRST PRACTICAL</title>
</head>
<center><b>This is a My First Practical.</b></center></p>
<h1><center><b><i>Guru Nanak Dev Engineering College.</i></b></center></h1>
<h2><center><b><i>Gill Road Gill Park, Ludhiana.</i></b></center></h2>
<body>

<a href="https://guru.gndec.ac.in/">GNE HOME PAGE</a>
<p>My Name is <i>Daksh Goyal.</i><br>I am is Second Year in 4th semester<br> And Roll no. is 1905318.</p>
<p style="color:black;">Guru Nanak Dev Engineering College, one of the prestigious, oldest and minority institution of Northern India, was established under the aegis of Nankana Sahib Education Trust (NSET) in 1956. NSET was founded in memory of the most sacred temple of Nankana Sahib, birth place of Guru Nanak Dev Ji. Shiromani Gurudwara Prabandhak Committee, Amritsar, a premier organization of universal brotherhood, which is the main force behind the mission of "Removal of Economic Backwardness through Te
```

chnology" and NSET with the same mission, established a Polytechnic in 1953 and Guru Nanak Dev Engineering College (GNDEC) in 1956. The Trust deed was registered on 24th February 1953 with a commitment by Nankana Sahib Education Trust to uplift the vast weaker section of Indian polity comprising Rural India by admitting 70% students every year from Rural Areas. This commitment was made to the nation on 8th April, 1956. The day when foundation stone of the College was laid by Late Dr. Rajendra Prasad Ji, the First President of India.

</body>

</head>

</html>

Output-

This is a My First Practical.

This is a My First Practical.

Guru Nanak Dev Engineering College.

Gill Road Gill Park, Ludhiana.



[GNE HOME PAGE](#)

My Name is Dulick Goyal
I am in Second Year in 4th semester
And Roll no. is 1905518.

Guru Nanak Dev Engineering College, one of the prestigious, oldest and minority institution of Northern India, was established under the aegis of Nankana Sahib Education Trust (NSET) in 1956. NSET was founded in memory of the most sacred temple of Nankana Sahib, birth place of Guru Nanak Dev Ji. Shriomani Gurodhara Prabandhak Committee, Amritsar, a premier organization of universal brotherhood, which is the main force behind the mission of "Removal of Economic Backwardness through Technology" and NSET with the same mission, established a Polytechnic in 1953 and Guru Nanak Dev Engineering College (GNDEC) in 1956. The Trust deed was registered on 24th February 1953 with a commitment by Nankana Sahib Education Trust to uplift the vast weaker section of Indian polity comprising Rural India by admitting 70% students every year from Rural Areas. This commitment was made to the nation on 8th April, 1956. The day when foundation stone of the College was laid by Late Dr. Rajendra Prasad Ji, the First President of India.

2. Demonstrate the use of links, lints, and tables in html. You should be able to link separate pages and create named links within a document, using them to build a “table of contents.”

CODE-

```
<html>
<head>
<style>
table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
}

tr:nth-child(even) {
  background-color: #dddddd;
}
</style>
</head>
<body>

<h2><center>GNDEC faculties : </center></h2>

<table>
```

```
<tr>
  <th>Name</th>
  <th>Designation</th>
  <th>Email</th>
</tr>
<tr>
  <td>DR. KIRAN JYOTI</td>
  <td>Assistant Professor and Head</td>
  <td>kiranjyotibains@gndec.ac.in</td>
</tr>
<td>DR. AKSHAY GIRDHAR</td>
  <td>Professor</td>
  <td>akshay_girdhar@gndec.ac.in</td>
</tr>
<tr>
  <td>ER. HANIT KAUR</td>
  <td>Assistant Professor</td>
  <td>hanitgndec@gmail.com</td>
</tr>
<tr>
  <td>DR. PANKAJ BHAMBRI</td>
  <td>Assistant Professor</td>
  <td>pkbhambri@gndec.ac.in</td>
</tr>
</table><br>
<h2><center><b>Course Offered by the Institution : </b></h2>
<ul>
  <li>B.Tech</li>
  <li>M.tech</li>
  <li>MBA</li>
  <li>MCA</li>
</ul>
<a href="https://it.gndec.ac.in/">For More info click </a>
</body>
</html>
```

Output-

GNDEC faculties :

Name	Designation	Email
DR. KIRAN JYOTI	Assistant Professor and Head	kiranjyotibains@gndec.ac.in
DR. AKSHAY GIRDHAR	Professor	akshay_girdhar@gndec.ac.in
ER. HANIT KAUR	Assistant Professor	hanitgndec@gmail.com
DR. PANKAJ BHAMBRI	Assistant Professor	pkbhambri@gndec.ac.in

Course Offered by the Institution :

- B.Tech
- M.tech
- MBA
- MCA

[For More info click](#)

3. Create a simple forms in HTML and demonstrate the use of various form elements like input box, textarea, submit and radio buttons etc.

CODE-

```
<!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>Document</title>
</head>
<body>
  <form action="" method="post">
    <form action="/action_page.php">
      <label for="fname">First name:</label>
      <input type="text" id="fname" name="fname" value=""><br><br>
      <label for="lname">Last name:</label>
      <input type="text" id="lname" name="lname" value=""><br><br>
      <input type="submit" value="Submit">
    </form>
  </form>
</body>
</html>
```

Output-

First name:

Last name:

4. Demonstrate the use of cascading style sheets(CSS) (inline, internal and external) to specify various aspects of

style, such as colours and text fonts and sizes, in HTML document.

CODE-

```
<!DOCTYPE html>
<html lang="en-us">
<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>Types Of CSS</title>
<link rel="stylesheet" href="d1.css">
<style>
p{
color:saddlebrown;
}
</style>
</head>
<body style="background-image:
url('https://images.unsplash.com/photo-1614787913638-65ff1dacc76e?
ixid=MnwMjA3fDB8MHxzZWFiY2h8MzN8fGNyeXB0b3xlbmwwfHwwfHw%3D&ixlib=rb-
1.2.1&auto=format&fit=crop&w=500&q=60');
height: 90%;
background-position: center;
background-repeat: no-repeat;
background-size: cover;">

<h2><b><i>Various Aspect of Style using CSS</i></b></h2>
<h1 align="center" style="color:rgba(17, 12, 61, 0.924); background-color: rgb(196, 25
5, 221);">BITCOIN FUTURE CURRENCY</h1>

<i><b><p1 style="color:rgb(255, 127, 197); align-content:center;"> Bitcoin is a digital
currency that was created in January 2009.<br> It
follows the ideas set out in a whitepaper by the mysterious and<br>
pseudonymous Satoshi Nakamoto.1💎 The identity of the person or<br>
persons who created the technology is still a mystery. Bitcoin<br>
offers the promise of lower transaction fees than traditional <br>
online payment mechanisms and, unlike government-issued <br>
currencies, it is operated by a decentralized authority.
```

```

</p1>
  <br>></b></i>

<u><h1 align="left" style="color:rgba(167, 48, 96, 0.924)"; >
  Bitcoin Exchanges</h1></u>
  <br>

<h2 style="color: blueviolet;"> Click to go to Website for more</h2></div></b>
<a href="https://accounts.binance.com/en/register?ref=77985404"><img sr
c="https://media1.giphy.com/media/mVHENVoUFjKT1GeXta/giphy.gif" width
="350" height="350"></a>

<a href="https://www.coinbase.com/"></a>

<a href="https://www.coinmama.com/?locale=en"><img sr
c="https://i.pinimg.com/originals/b6/d3/3f/b6d33fd5f9c6ce95cd09f42f834c2962.gif" wid
th="100" height="100"></a>

<a href="https://wazirx.com/"></a>

</body>
</html>

```

Output-

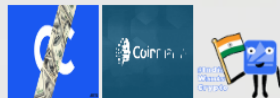
Various Aspect of Style using CSS

BITCOIN FUTURE CURRENCY

Bitcoin is a digital currency that was created in January 2009. It follows the ideas set out in a whitepaper by the mysterious and pseudonymous Satoshi Nakamoto. The identity of the person or persons who created the technology is still a mystery. Bitcoin offers the promise of lower transaction fees than traditional online payment mechanisms and, unlike government-issued currencies, it is operated by a decentralized authority.

Bitcoin Exchanges

Click to go to Website for more



5. Create of web pages using HTML5 & CSS3.

CODE-

```
<!DOCTYPE html>
<html lang="en-us">
<head>
  <title>html5 & css3</title>
  <link rel="stylesheet" href="exp5.css">
</head>

<body>

  <div class="hero">
<div class="navbar">
  
  <button type="button">Sign up</button>
  <button type="button">Log in</button>
</div>
  <div class="content">
    <b>
<h2>You are welcome to</h2>
<h1>Coding Code .com</h1>
<button type="button">Start Learning Today</button>
</div>
    </b>
    <div class="side-bar">

<div class="social-links">
  
  
  
  
</div>
  <div class="useful-links">
  

</div>
</div>

</div>
</body>
</html>
```

CSS Code-

```
*{
margin: 0;
padding: 0;
font-family: sans-serif;
}
.hero {
width: 100%;
height: 100vh;
background-image: url(https://images.unsplash.com/photo-1496181133206-80ce9b88a853?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxjb2xsZWNoaW9uLXBhZ2V8MXwxMTE3OTE1fHxlbmwHx8fA%3D%3D&w=1000&q=80);
background-size: cover;

background-position: center;
position: relative;
overflow: hidden;
}
.logo {
width: 100px;
cursor: pointer;
}
.navbar{
width:85%;
height: 15%;
margin: auto;
display: flex;
```

```
align-items: center;
justify-content: space-between;
}
button{
color: #07276d;
padding: 5px 10px;
background: transparent;
border: 1px solid rgb(28, 117, 235);
border-radius: 10px;
outline:rgb(15, 122, 122);
cursor: pointer;

}
.content{
color: #1c6ac4;
position: absolute;
top: 50%;
left: 10%;
transform: translateY(-50%);
z-index: 2;
}
h1{
font-size: 80px;
margin: 10px 0 30px;
line-height: 80px;
}
.side-bar{
width: 50px;
height: 100vh;
background: linear-gradient(#9c9c9c, #589bda);
```

```
position: absolute;
right: 0;
top: 0;
}

.social-links, img{
width: 45px;
margin: 5px auto;
cursor: pointer;
}
.social-links{
width: 50px;
text-align: center;
position: absolute;
top: 50%;
transform: translateY(-50%);
}
.useful-links{
width: 50px;
text-align: center;
position: absolute;
bottom: 3%;
}
```

Output-



6. Demonstrate the use of Bootstrap framework.

CODE-

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
```

```
integrity="sha384-  
eOJMYsd53ii+scO/bjGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6" crossorigin  
n="ano  
nymous">
```

```
<title>Quiz Coding</title>  
</head>  
<body>  
<nav class="navbar navbar-expand-lg navbar-dark bg-primary">  
<div class="container-fluid">  
<a class="navbar-brand" href="#">Quiz Coding</a>  
<button class="navbar-toggler" type="button" data-bs-toggle="collapse"  
data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" a  
riaexpanded="false"  
aria-label="Toggle navigation">  
<span class="navbar-toggler-icon"></span>  
</button>  
<div class="collapse navbar-collapse" id="navbarSupportedContent">  
<ul class="navbar-nav me-auto mb-2 mb-lg-0">  
  
<li class="nav-item">  
<a class="nav-link" aria-current="page" href="#">Home</a>  
</li>  
  
<li class="nav-item">  
<a class="nav-link" aria-current="page" href="#">Courses</a>  
</li>  
  
<li class="nav-item">  
<a class="nav-link" aria-current="page" href="#">Future Tech</a>  
</li>  
  
<li class="nav-item">  
<a class="nav-link" href="https://github.com/daksh931">About Us</a>  
</li>  
  
<li class="nav-item">  
<a class="nav-link" href="https://github.com/daksh931">Contact Us</a>  
</li>
```

```

</ul>

<form class="d-flex">
  <input class="form-control me2" type="search" placeholder="Search" aria-label="Search">
  <button class="btn btn-outline-success bg-danger" type="submit">Search</button>
</form>
</div>
</div>
</nav><br>

<div class="container">
  <div id="carouselExampleCaptions" class="carousel slide carousel-fade" data-bsride="carousel">
    <div class="carousel-indicators">
      <button type="button" data-bs-target="#carouselExampleCaptions" data-bsslide-to="0" class="active"
        aria-current="true" aria-label="Slide 1"></button>
      <button type="button" data-bs-target="#carouselExampleCaptions" data-bsslide-to="1"
        aria-label="Slide 2"></button>
      <button type="button" data-bs-target="#carouselExampleCaptions" data-bsslide-to="2"
        aria-label="Slide 3"></button>
    </div>
    <div class="carousel-inner">
      <div class="carousel-item active">
        

        <div class="carousel-caption d-none d-md-block">

          <div style="color: firebrick;">
            <h2>Welcome to Quiz Coding</h2>
            <p>Learn to code from scratch </p>
          </div>

          <button class="btn btn-success ">Learn Code</button>
          <button class="btn btn-success">Quiz</button>
          <button class="btn btn-success">Prizes</button>
          <button class="btn btn-success">Courses</button>
          <button class="btn btn-success">Experts</button>

        </div>

```

```
</div>
```

```
<div class="carousel-item">
  
  <div class="carousel-caption d-none d-md-block">
    <div style="color: firebrick;">
      <h2>Welcome to Quiz Coding</h2>
      <p>Learn to code from scratch </p>
    </div>

    <button class="btn btn-success">Learn Code</button>
    <button class="btn btn-success">Quiz</button>
    <button class="btn btn-success">Prizes</button>
    <button class="btn btn-success">Courses</button>
    <button class="btn btn-success">Experts</button>
  </div>
</div>
```

```
<div class="carousel-item">
  
  <div class="carousel-caption d-none d-md-block">
    <div style="color: firebrick;">
      <h2>Welcome to Quiz Coding</h2>
      <p>Learn to code from scratch </p>
    </div>

    <button class="btn btn-success ">Learn Code</button>
    <button class="btn btn-success">Quiz</button>
    <button class="btn btn-success">Prizes</button>
    <button class="btn btn-success">Courses</button>
    <button class="btn btn-success">Experts</button>
  </div>
</div>
</div>
```

```
<button class="carousel-control-prev" type="button" data-
bs-target="#carouselExampleCaptions"
data-bs-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Previous</span>
</button>
```

```

<button class="carousel-control-next" type="button" data-
btarget="#carouselExampleCaptions"
data-bs-slide="next">
<span class="carousel-control-next-icon" aria-hidden="true"></span>
<span class="visually-hidden">Next</span>
</button>
</div>
</div><br>

<div class="container marketing">
<div class="row">
<div class="col-lg-4">
<svg class="bd-placeholder-img " width="140" height="140"
xmlns="http://www.w3.org/2000/svg" role="img" arialabel="Placeholder: 140x140"
preserveAspectRatio="xMidYMid slice" focusable="false">
<title>Placeholder</title>
<rect width="100%" height="100%" fill="#777" /><text x="50%" y="50%" f
ill="#777"
dy=".3em">140x140</text>
</svg>

<h2>Courses</h2>
<p>Our Courses are provided accoring to age-group for better understanding and easy
to learn.</p>
<p><a class="btn btnsecondary" href="https://en.wikipedia.org/wiki/Technology">Vie
w details &raquo;</a>
</p>
</div>

<div class="col-lg-4">
<svg class="bd-placeholder-img" width="140" height="140"
xmlns="http://www.w3.org/2000/svg" role="img" arialabel="Placeholder: 140x140"
preserveAspectRatio="xMidYMid slice" focusable="false">
<title>Placeholder</title>
<rect width="100%" height="100%" fill="#777" /><text x="50%" y="50%"
fill="#777"
dy=".3em">140x140</text>
</svg>

<h2>Prizes</h2>
<p>We love to give prizes to quiz winners who had done any course from us and score
a good.</p>

```

```

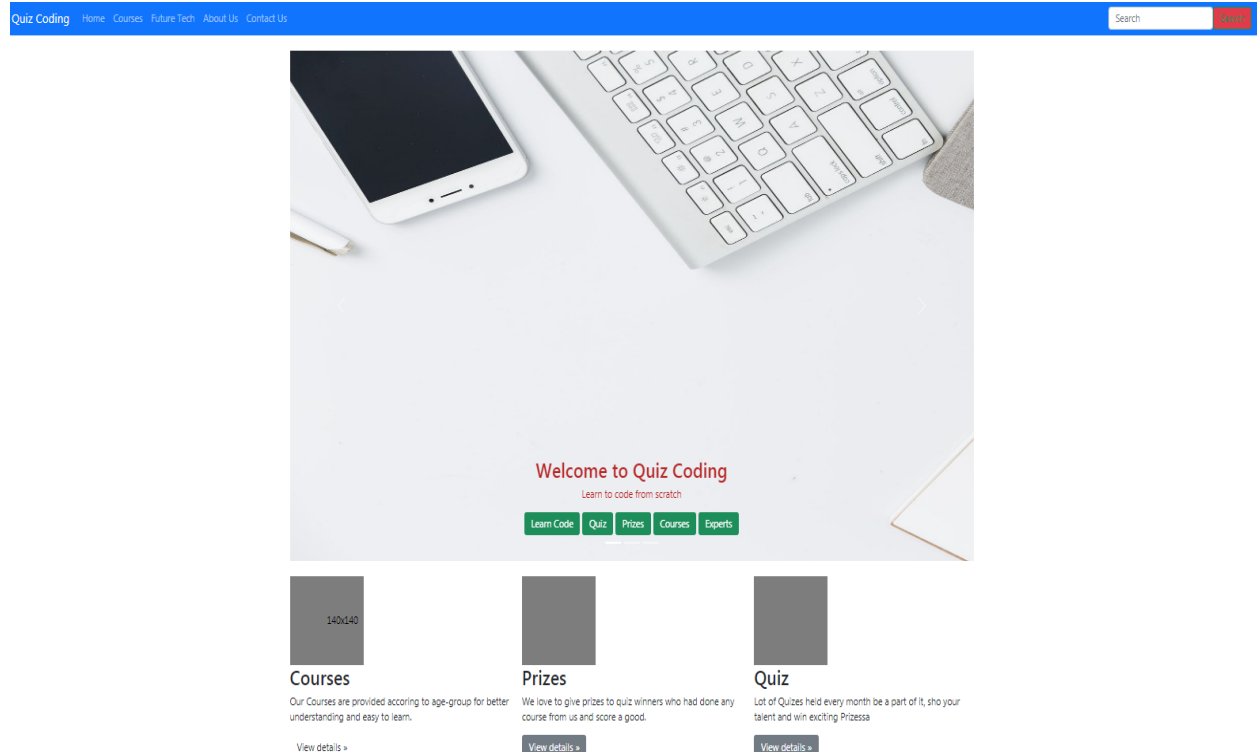
<p><a class="btn btn-secondary"
href="https://www.sgs.com/en/campaigns/sgs-cybersecuritysolutionsldp?
wt_mc_id=gDNICorp06004c&utm_source=Google&utm_medium=PPC_Search_Text_Ads
&utm_campaig
n=Cyber_Security_Services_BA_Global_GSN_VR2&gclid=EAIaIQobChMI2Z7r6umj8AIVV0
NgCh37JwrmEA
AYAyAAEgIAqfD_BwE">View
details &raquo;</a></p>
</div>

<div class="col-lg-4">
<svg class="bd-placeholder-img " width="140" height="140"
xmlns="http://www.w3.org/2000/svg" role="img" arialabel="Placeholder: 140x140"
preserveAspectRatio="xMidYMid slice" focusable="false">
<title>Placeholder</title>
<rect width="100%" height="100%" fill="#777" /><text x="50%" y="50%"
fill="#777"
dy=".3em">140x140</text>
</svg>

<h2>Quiz</h2>
<p>Lot of Quizes held every month be a part of it, sho your talent and win exciting Priz
essa </p>
<p><a class="btn btn-secondary"
href="https://www.investopedia.com/terms/a/artificialintelligenceai.asp#:~:text=Artifici
al%20intelligence%20(AI)%20refers%20to,as%20learning%20and%20prob
lem%2Dsolving.">View
details &raquo;</a></p>
</div>
</div>
</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
JEW9xMcG8R+pH31jmWH6WWP0WintQrMb4s7ZOdauHnUtxwoG2vI5DkLtS3qm9Ekf"
crossorigin="anonymous"></script>
</body>
</html>

```

Output-



7. Creating a web page using PHP.

CODE-

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-
eOJMYsd53ii+scO/bjGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbZKgwra6" crossorigin="anonymous">
<title><?php echo "PHP|WEBPAGE"; ?></title>
<body>
<style>

.topnav {
  overflow: hidden;
```

```
background-color: #333;
}

.topnav a {

float: left;
color: #ffffff;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 17px;
}

.topnav a:hover {
background-color: #86becc;
color: rgb(255, 255, 255);
}

.topnav a.active {
background-color: #86becc;
color: rgb(240, 240, 240);
}
</style>
</head>
```

```
<div class="topnav" style="border-radius: 2px;">
  <a class="active" href="#HOME">HOME</a>
  <a href="#Competition">Competition</a>
  <a href="#Contact">Contact</a>
  <a href="#About Us">About Us</a>
</div>
```

```
<br>
```

```
<div class="alert alert-warning alert-dismissible fade show" role="alert">
  <strong>Accept Cookies</strong> Please accept cookies for better experience
  <button type="button" class="btn-close" data-bs-dismiss="alert" arialabel="Close"></button>
</div>
```

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



```

<div id="carouselExampleSlidesOnly" class="carousel slide" data-bs-ride="carousel">
  <div class="carousel-inner">
    <div class="carousel-item active">
      
      <p style="color: rgb(19, 5, 58);">Our platform to help programmers make it big in the world of algorithms, computer programming, and programming contests. At our <br> platform we work hard to revive the geek in you by hosting a programming contest at the start of the month and two smaller programming <br> challenges at the middle and end of the month. We also aim to have training sessions and discussions related to algorithms, binary search, <br> technicalities like array size and the likes. Apart from providing a platform for programming competitions, We also has various algorithm <br> tutorials and forum discussions to help those who are new to the world of computer programming.</p>
    </div>
  </div>
</div>
<br>

<div class="card" style="width: 125rem; background: linear-gradient(rgb(107, 192, 231),rgb(220, 211, 235))" >
  <div class="card-body" align="center">
    <h5 class="card-title">Competition Course </h5>
    <p class="cardtext">Click below to enroll and start your course </p>
    <a href="#" class="btn btn-primary">Start your course</a>
  </div>
</div>
</body>

</html>

```

Output-

Accept Cookies Please accept cookies for better experience



Our platform to help programmers make it big in the world of algorithms, computer programming, and programming contests. At our platform we work hard to revive the geek in you by hosting a programming contest at the start of the month and two smaller programming challenges at the middle and end of the month. We also aim to have training sessions and discussions related to algorithms, binary search, technicalities like array size and the likes. Apart from providing a platform for programming competitions, We also has various algorithm tutorials and forum discussions to help those who are new to the world of computer programming.

Competition Course

Click below to enroll and start your course

[Start your course](#)