HTML

Exercise-1

Q- Create a simple HTML page using basic tags.

```
Sol – html code :-
<html>
<head>
<title>My HTML Page</title>
</head>
<body>
<h1>This is my first HTML page</h1>
This is my first paragraph.
 Harsh Mandal
</body>
</html>
```





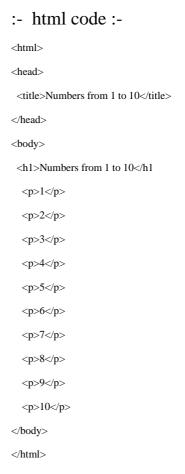
Q- Create a web page that displays your name to the screen



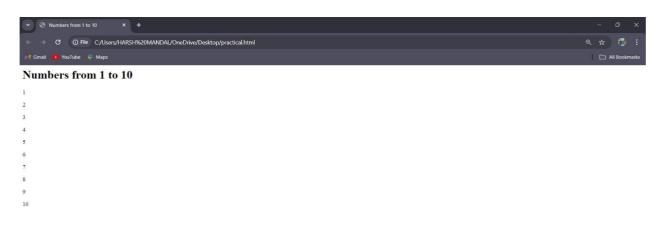
Harsh Mandal



Q- Create a Webpage and show the output from 1 to 10 in seprate lines. Sol

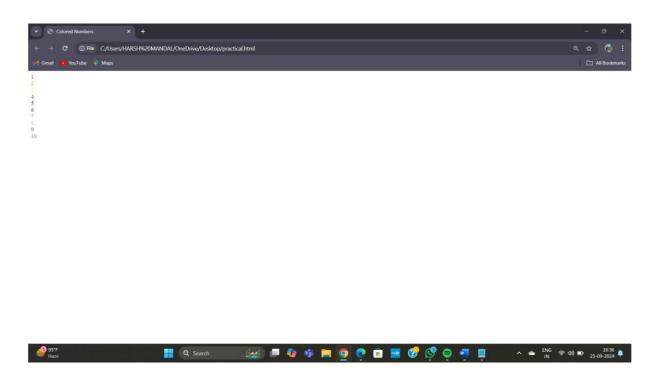


Save this code in a file with .html extension. Open the file in a web browser. Here is the output you will see:



Q- Create a Webpage and show the output from 1 to 10 in sperate lines ,each number in different colors.

```
Sol:- html code :-
<html>
<head>
      <title>Colored Numbers</title>
</head>
<body>
      <font color="red">1</font><br>
      <font color="orange">2</font><br>
      <font color="yellow">3</font><br>
      <font color="green">4</font><br>
      <font color="blue">5</font><br>
      <font color="indigo">6</font><br>
      <font color="violet">7</font><br>
      <font color="pink">8</font><br>
      <font color="brown">9</font><br>
      <font color="gray">10</font><br>
</body>
</html>
```



Q- How do i make picture as background on my web pages?

```
Sol – html code:-
<html>
<head>
</head>
<body background="https://img.freepik.com/free-photo/world-smile-day-emojis-arrangement_23-2149024492.jpg">
<h1>Welcome to My Website</h1>
This is a sample webpage with a background image.
</body>
</html>
```



Q- Create a web page to print paragraph with 4-5 sentences, each sentences shall have different font?

```
Sol-html code:-
<html>
<head>
       <title>Multi-Font Paragraph</title>
</head>
<body>
       >
               <fort face="Arial" size="4">Manay Rachna International Institute of Research &
Studies.</font><br>
               <font face="Times New Roman" size="5"> Manav Rachna University.</font>,<br>
               <font face="Courier" size="6"> SCA (School of Computer Application. </font><br>
               <font
                       face="Comic Sans MS"
                                                    size="7">
                                                               BCA
                                                                       (Bacheolor
                                                                                    of
                                                                                         Computer
Application.</font><br>
               <font face="Impact" size="8"> Web Technology Project. font.</font><br>
       </body>
</html>
```



BCA (Bacheolor of Computer Application. Web Technology Project. font.

Q- Write HTML code to print a paragraph that is description of a book, it shall include the title of the book, its author name; name and title should be underlined and all adjectives shall be bold and Italics.

Sol-html code:-

>

<u>The Great</u> <i>Gatsby</i>, a <i>novel</i> by <u>F. Scott Fitzgerald</u>, is a <i>classic</i> tale of love, greed, and the American Dream.

This <i>fascinating</i> story is set in the <i>roaring</i> twenties and follows the life of Jay Gatsby, a <i>mysterious</i> millionaire.



The Great Gately, a novel by E. Scott Fitzgerald. is a classic tale of love, greed, and the American Dream. This fascinating story is set in the rearing twenties and follows the life of Jay Gately, a mysterious millionsir

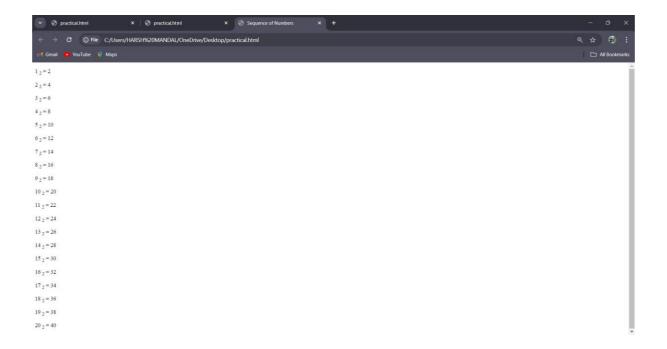
Q- Write HTML code to print your name using Heading tag, every letter shall be of different heading size.



Q- Write HTML code to print the sequence of numbers 1-20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result.

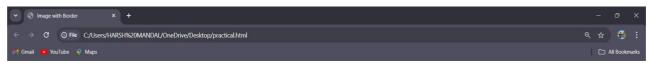
```
Sol – html code:-
<html>
 <head>
  <title>Sequence of Numbers</title>
 </head>
 <body>
   1 < sub > 2 < / sub > = 2 
   2 < sub > 2 < /sub > = 4 
   3 < sub > 2 < / sub > = 6 
  4 < sub>2 < / sub> = 8 
   5 < sub > 2 < / sub > = 10 
   6 < sub > 2 < / sub > = 12 
   7 < sub > 2 < / sub > = 14 
  8 < sub>2 < /sub> = 16 
   9 < sub > 2 < / sub > = 18 
   10 < sub > 2 < / sub > = 20 
  11 < sub>2 < / sub> = 22 
  12 < sub>2 < /sub> = 24 
   13 < sub > 2 < / sub > = 26 
  14 < sub>2 < / sub> = 28 
   15 < sub > 2 < / sub > = 30 
   16 < sub > 2 < / sub > = 32 
  17 < sub>2 < /sub> = 34 
  18 < sub>2 < /sub> = 36 
   19 < sub > 2 < / sub > = 38 
   20 < sub > 2 < / sub > = 40
```

</body>



Q- Write HTML code to display an image with border of size with width 200, height 200 pixels, leaving Hspace and Vspace of your choice with image hanging in the right side on the screen.

```
Sol- html code :-
<html>
<head>
<title>Image with Border</title>
</head>
<body>
The word <b><i>Bihar</i></b> comes from the Sanskrit and Pali word vihāra, which
means "abode" or "resting house". The region that is now Bihar was home to many Buddhist monasteries in
ancient and medieval times.<br/>
style="color:red;"> Bihar is a state in East India, bordering Nepal. It is
divided by the River Ganges, which floods its fertile plains. Important Buddhist pilgrimage sites include the Bodhi
Tree in Bodhgaya's Mahabodhi Temple, under which the Buddha allegedly meditated. In the state capital Patna,
Mahavir Mandir temple is revered by Hindus, while Sikhs worship at the domed, riverside Gurdwara of Takht Sri
Harmandir Sahib Ji.
                                   src="https://img.myloview.com/murals/bihar-map-bihar-district-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-bihar-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vector-map-india-vec
isolated-on-white-background-high-detailed-silhouette-illustration-700-235499963.jpg"
alt="Bihar Map" width="200" height="200" style="border: 4px solid navy;" vspace="50" hspace="60"
align="right">
</body>
</html>
```



The word Bihar comes from the Sanskrit and Pali word vihāra, which means "abode" or "resting house". The region that is now Bihar was home to many Buddhist monasteries in ancient and medieval times.

Bihar is a state in East India, bordering Nepal. It is divided by the River Ganges, which floods its fertile plains. Important Buddhist pilgrimage sites include the Bodhi Tree in Bodhgaya's Mahabodhi Temple, under which the Buddha allegedly meditated. In the state capital Patna, Mahavir Mandir temple is revered by Hindus, while Sikhs worship at the domed, riverside Gurdwara of Takht Sri Harmandir Sahib Ji.





Q- Write HTML code to create a web page with heading. The heading shall be displayed at the top-center of the page and the image shall be at the centre, just below the heading.

```
Sol-html code :-

<!DOCTYPE html>

<title>Centered Heading and Image</title>
</head>
<body>

<h1 align="center">Your Heading Here</h1>
<div align="center">
<img src="https://cdn.pixabay.com/photo/2015/04/23/22/00/tree-736885_1280.jpg" alt="Description of the image">
</div>

</body>
</html>
```



Your Heading Here





Q-Write HTML code using Multimedia tags

```
Sol-html code:-
<!DOCTYPE html>
<head>
  <title>Multimedia Example</title>
</head>
<body>
  <h1>Welcome to My Multimedia Page</h1>
  <h2>Image Example</h2>
   <\!\!img\ src="https://cdn.pixabay.com/photo/2018/01/14/23/12/nature-3082832\_1280.jpg"\ alt="Placeholder\ Image"
width="600" height="400">
  <h2>Audio Example</h2>
  <audio controls>
    <source src="https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3" type="audio/mpeg">
    Your browser does not support the audio tag.
  </audio>
  <h2>Video Example</h2>
  <video width="600" height="400" controls>
    <source src="https://www.w3schools.com/html/mov_bbb.mp4" type="video/mp4">
    Your browser does not support the video tag.
  </video>
</body>
</html>
```





Q- Create a Table using Rowspan and Colspan taking example of student Record.

```
Sol-html code:-
<html>
<head>
<title>Student table </title>
</head>
<body>
 <h1>Student Table</h1>
Student ID
  Student Information
  GPA
 Name
  <th>Age</th>
  Gender
 101
  Umesh Chaudhary
  20
  Male
  3.5
 102
  Rahul Sharma
  22
  Male
  3.8
```

```
103
 Sam Wilson
 3.2
 104 
 Sakshi Singh
  20 
 Female
 3.5
 105 
 Anjali Pal
 20
 Female
 3.8
106
 Ansh Sharma
 20
 Male
 3.5
```



Student Table

Student ID	Student Info	GPA		
	Name	Age	Gender	GIA
101	Umesh Chaudhary	20	Male	3.5
102	Rahul Sharma	22	Male	3.8
103	Sam Wilson	3.2		
104	Sakshi Singh	20	Female	3.5
105	Anjali Pal	20	Female	3.8
106	Ansh Sharma	20	Male	3.5



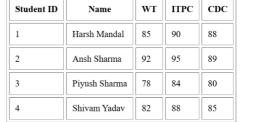
Q- Write HTML code using table tag and cellpadding and cell spacing as its attributes.

```
Sol-html code:-
<html>
<head>
<title>table tags</title>
</head>
<body>
<h2>Student Records</h2>
Student ID
  Name
  <th>>WT</th>
  ITPC
  CDC
 1
  Harsh Mandal
  85
  90
  88
 2
  Ansh Sharma
  92
  95
  89
 3
  Piyush Sharma
  78
  84
  80
 4
  Shivam Yadav
  82
  88
  85
```

</body>

</html>







Q- Write unordered, ordered and definition list taking example of your subjects in MCA 1st ,2nd and 3rd semester.

```
Sol- html code :-
<html>
<head>
<title>MCA Subjects</title>
</head>
<body>
  <h1 style="color:blueviolet">MCA Subjects</h1>
  <h2>1st Semester Subjects</h2>
  ul>
    Mathematics I
    Python programming language
    Programming in C
    Communication Skills
  <h2>2nd Semester Subjects</h2>
  Mathematics II
    Data Structures
    Database Management Systems
    Operating System
  <h2>3rd Semester Subjects</h2>
  <dl>
    <dt>Operating Systems:</dt>
    <dd>Study of operating system concepts and structures.</dd>
    <dt>Web Technologies:</dt>
    <dd>Introduction to web development and related technologies.</dd>
    <dt>Object-Oriented Programming:</dt>
    <dd>Principles of OOP using languages like Java.</dd>
    <dt>Computer Networks:</dt>
    <dd>Overview of networking concepts and protocols.</dd>
  </dl>
</body>
</html>
```



MCA Subjects

1st Semester Subjects

- Mathematics I
- Python programming language
 Programming in C
 Communication Skills

2nd Semester Subjects

- Mathematics II
 Data Structures
 Database Management Systems
- 4. Operating System

3rd Semester Subjects

Operating Systems:
Study of operating system concepts and structures.
Web Technologies:

Introduction to web development and related technologies.

Object-Oriented Programming:
Principles of OOP using languages like Java.

Computer Networks:

Overview of networking concepts and protocols.



Q- Write HTML code using <frameset> and <frame> tag with all its attributes.

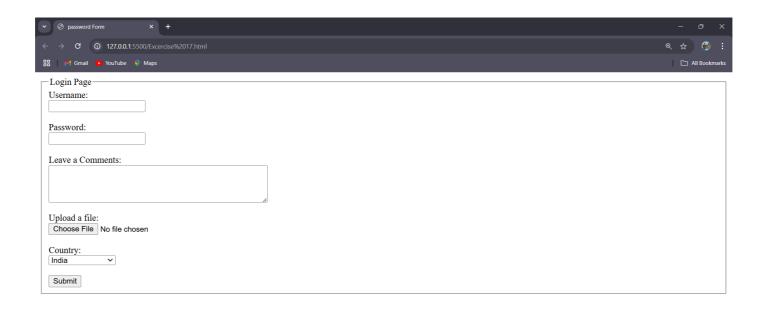
Sol – html code :-

Exercise – 17

Q- Write HTML code to design a form in HTML using controls and buttons such as Textbox, Text area, password, submit button, browse button, drop-down menu.

Sol-html code:-

```
<html>
<head>
<title>password Form</title>
</head>
<body>
  <form action="/submit_form" method="post"><fieldset><legend>Login Page</legend>
  <label for="username">Username:</label><br>
  <input type="text" id="name" name="name"><br><br>
  <label for="password">Password:</label><br>
  <input type="password" id="password" name="password"><br><br>
  <label for=" leave a comments"> Leave a Comments:
  <textarea id="other" name="comments" rows="4" cols="50"></textarea><br><br>
  <label for="file">Upload a file:</label><br>
  <input type="file" id="file" name="file"><br><br>
  <label for="country">Country:</label><br>
  <select id="country" name="country">
      <option value="india">India</option>
      <option value="us">United States
      <option value="uk">United Kingdom</option>
      <option value="canada">Canada</option>
      <option value="Australia">Australia
      <option value="Russia">Russia</option>
    </select><br><br>
    <input type="submit" value="Submit">
</form>
</body>
</html>
```

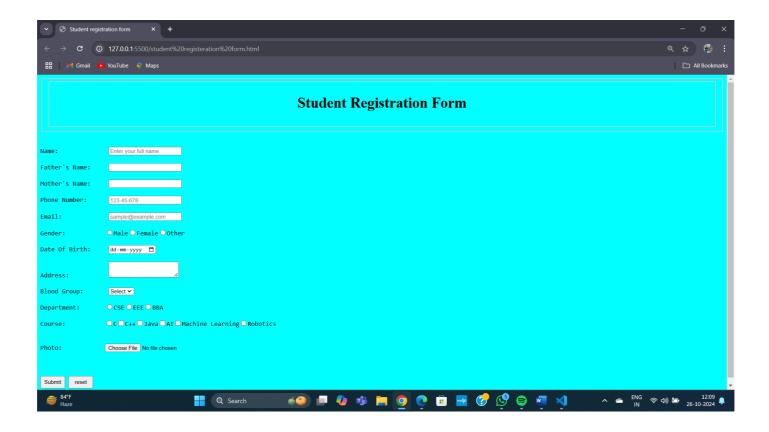




```
O- Write HTML code to design a registration form in HTML
Sol- html code :-
<html>
<head><title>Student registration form</title>
</head>
<body bgcolor="aqua"><font size="4">
<form><center><fieldset><fieldset><h1>Student
Registration Form</h1></fieldset></fieldset></center><br>>pre>
<label for"name">Name:</label>
                                       <input type="text" name="Enter full name" placeholder="Enter</pre>
your full name"><br>
<label for="father name">Father's Name:</label>
                                                <input type="text" name="father's name"><br>
<label for="mother name">Mother's Name:</label>
                                                  <input type="text" name="mother name"><br>
<label for="phone">Phone Number:</label>
                                                   <input type="tel" id="phone" name="number"</pre>
maxlength="10" placeholder="123-45-678"><br>
        for="email">Email:</label>
<label
                                                                     type="email"
                                                                                     name="email"
                                                            <input
placeholder="sample@example.com"><br>
                                          <label>
                      <input type="radio" id="male" name="gender" value="male"></label><label
Gender:
                                                           name="gender"
for="male">Male</label><input type="radio" id="female"
                                                                            value="Female"><label
for="female">Female</label><input type="radio" id="other"
                                                             name="gender" value="Other"><label
for="other">Other</label><br>
<label for="dob">Date Of Birth:</label>
                                       <input type="date" id="dob" name="dob" placeholder="dd-mm-
yyyy" ><br>
Address:
                             </textarea><br>
              <textarea>
<label for="bloodGroup">Blood Group:
                                        </label><select id="bloodGroup" name="bloodGroup"><option
value="0">Select</option>
<option value="A+">A+<\bar{o}option>
<option value="A-">A-</option>
<option value="B+">B+</option>
<option value="B-">B-</option>
<option value="O+">O+</option>
<option value="O-">O-</option>
<option value="AB+">AB+</option>
<option value="AB-">AB-</option>
</select><br>
<label>Department:
                       </label><input type="radio" id="cse" name="department" value="CSE"><label
                                                                               value="EEE"><label
for="cse">CSE</label><input
                              type="radio"
                                                         name="department"
                                              id="eee"
for="eee">EEE</label><input
                              type="radio"
                                             id="bba"
                                                         name="department"
                                                                              value="BBA"><label
for="bba">BBA</label><br>
<label>Course:</label>
                                  <input type="checkbox" id="c" name="course" value="C"><label</pre>
                           type="checkbox"
                                               id="cpp"
for="c">C</label><input
                                                            name="course"
                                                                               value="C++"><label
for="cpp">C++</label><input
                               type="checkbox"
                                                 id="java"
                                                             name="course"
                                                                               value="Java"><label
                                                                                value="AI"><label
for="java">Java</label><input
                                type="checkbox"
                                                   id="ai"
                                                              name="course"
for="ai">AI</label><input type="checkbox" id="ml" name="course" value="Machine Learning"><label
                                                                   id="robotics"
for="ml">Machine
                     Learning</label><input
                                               type="checkbox"
                                                                                    name="course"
value="Robotics"><label for="robotics">Robotics</label><br><br>
<label for="photo">Photo:
                               </label><input type="file"><br><br>
```

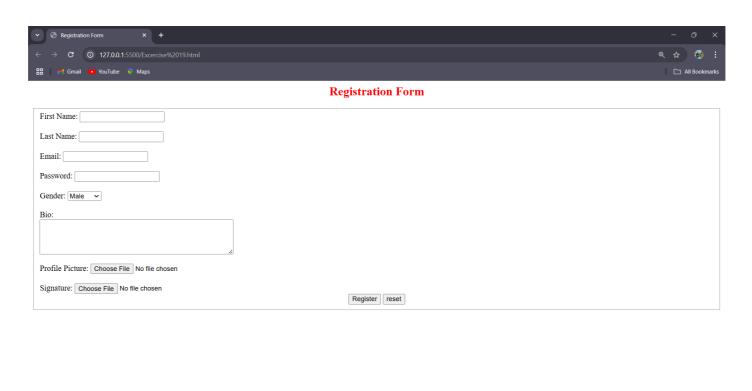
< button & style="width:60px; & height:30px">Submit</button> & < button & style="width:60px; height:30px">reset</button> & < button & style="width:60px; height:30px">reset</button> & < button & style="width:60px; height:30px">reset</br>

```
</form></font>
</body>
</html>
```



Q-Write HTML code to design a student admission Form in HTML.

```
Sol-html code:-
<html>
<head><title>Registration Form</title></head>
<body>
  <h2 style="color:red;" align="center">Registration Form</h2>
  <form action="/submit_registration" method="post"><fieldset>
       <label for="firstname">First Name:</label>
      <input type="text" id="firstname" name="firstname" required><br><br>
      <label for="lastname">Last Name:</label>
      <input type="text" id="lastname" name="lastname" required><br><br>
      <label for="email">Email:</label>
      <input type="email" id="email" name="email" required><br><br>
      <label for="password">Password:</label>
   <input type="password" id="password" name="password"required><br><br>
       <label for="gender">Gender:</label>
      <select id="gender" name="gender">
         <option value="male">Male</option>
         <option value="female">Female</option>
         <option value="other">Other</option>
      </select><br><br>
       <label for="bio">Bio:</label><br>
      <textarea id="bio" name="bio" rows="4" cols="50"></textarea><br>
       <label for="profilepic">Profile Picture:</label>
      <input type="file" id="profilepic" name="profilepic"><br><BR>
      <label for="signature">Signature:</label>
      <input type="file" id="sign" name="signature">
      <center><button>Register</button>
      <button> reset</button></center>
</form>
</body>
</html>
```





Q- Create a proper home page of your own using any components and styles.

External CSS code:

```
header {
    background:blueviolet;
    color: white;
    padding:30px;
    text-align: center;
}

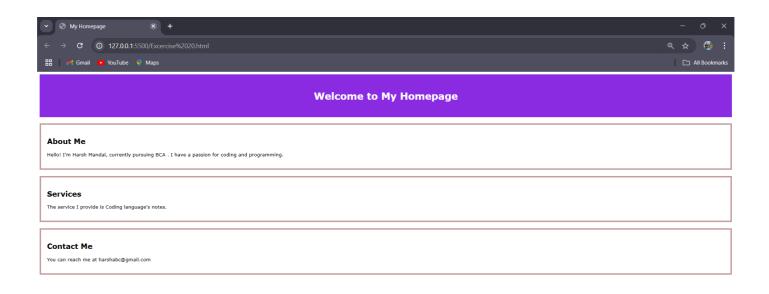
.harsh {
    padding: 30px;
}

section {
    margin: 20px 0;
    padding: 20px;
    border: 5px solid rgba(103, 5, 5, 0.389);
}

body{font-family: verdana;
    font-size: 19px;}
```

HTML Code:

```
<!DOCTYPE html>
<head2>
  <title>My Homepage</title>
  <link rel="stylesheet" href="Excercise 20.css">
</head>
<body>
  <header>
    <h1>Welcome to My Homepage</h1>
  </header>
  <section class="about">
    <h2>About Me</h2>
       Hello! I'm Harsh Mandal, currently pursuing BCA . I have a passion for coding and
programming.
  </section>
  <section id="services">
    <h2>Services</h2>
    The service I provide is Coding language's notes.
  </section>
```





Q- Write HTML code for including Local hyperlinking in a web page.

Sol-html code:-

```
<!DOCTYPE html>
<html>
<head>
<title>Local Hyperlink Example</title>
</head>
<body>
<h1>Welcome to My Web Page</h1>
<a href="#section1">Go to Section 1</a>
<a href="#section2">Go to Section 2</a>
<h2 id="section1">Section 1</h2>
This is the content of Section 1.
<a href="#top">Back to Top</a>
<h2 id="section2">Section 2</h2>
This is the content of Section 2.
<a href="#top">Back to Top</a>
</body>
</html>
```



Welcome to My Web Page

Go to Section 1

Go to Section 2

Section 1

This is the content of Section 1.

Back to Top

Section 2

This is the content of Section 2.

Back to Top



Q- Write HTML code including inter hyperlinking in a web page.

```
Sol- html code :-
```

```
<!DOCTYPE html>
<html>
<head>
<title>Inter Hyperlink Example</title>
</head>
<body>
<h1>Welcome to My Web Page</h1>
<a href="https://youtu.be/e5LShHAE03A?si=jhNi6E4n4kxymdTF">Visit for Atif Aslam</a>
<a href="https://youtu.be/r0c1f6XxRQg?si=6vqg2M07bMZXRawe">Visit for KK</a>
</body>
</html>
```



Welcome to My Web Page

Visit for Atif Aslam

Visit for KK



Q- Write HTML code for including external hyperlinking in a web page.

```
Sol - html code :-

<!DOCTYPE html>
<html>
<head>
<title>External Hyperlink Example</title>
</head>
<body>
<h1>Welcome to My Web Page</h1>
Check out this <a href="https://youtu.be/6FNbiVjplRY?si=2eWVYxO1WNfrS6ff" target="_blank">exciting video</a>!
</body>
<html>
```



Welcome to My Web Page

Check out this exciting video!



Exercise – 24

Q- Write code to show External CSS with HTML code.

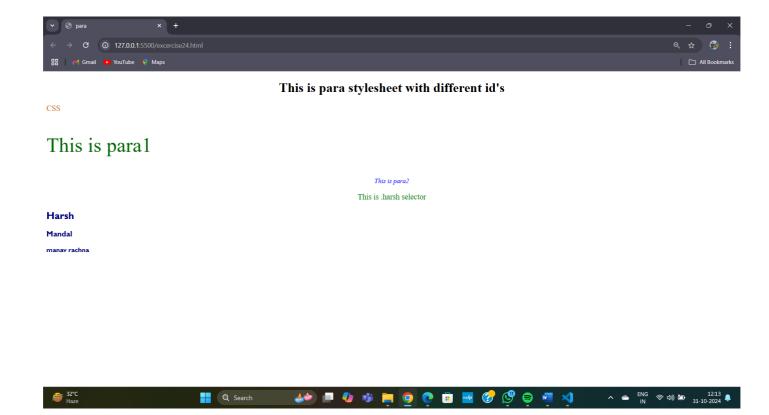
External CSS code:

```
p{color: chocolate; font-size: larger;}
h1{text-align: center;}
#para1{text-align: left; color:darkgreen; font-size: 50px;}
#para2{text-align: center; color:blue;font-size: medium; font-style: italic;}
.harsh{text-align: center;color: green;}
h2,h3,b,i{font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif; color:navy;}
```

Save CSS code with .CSS extension

HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title>para</title>
<link rel=stylesheet href="excercise 24.css">
</head>
<body>
<h1>This is para stylesheet with different id's</h1>
CSS
 This is para1 
This is para2
This is .harsh selector
<h2>Harsh</h2>
<h3>Mandal</h3>
<b>manav rachna</b><br>
</body>
</html>
```

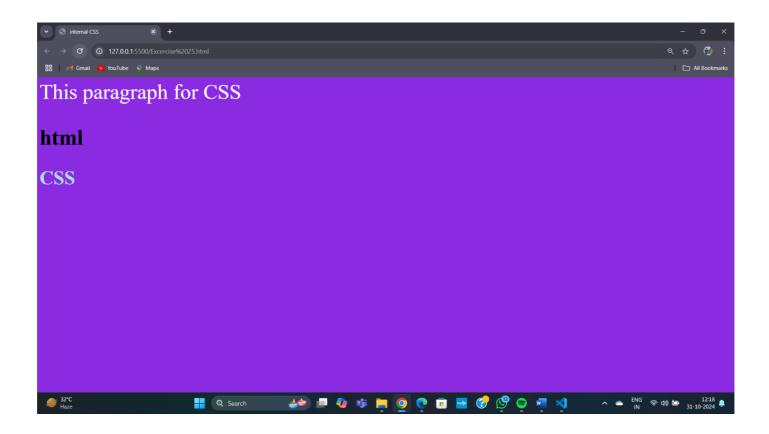


Q- Write code to show Internal CSS with HTML code.

```
<html>
<head><title> internal CSS
</title>
<style>
body {background-color:blueviolet;}
p {color:white; font-size: 440%;}
h1{color:black; font-size: 450%;}
h2{color:powderblue; font-size:400%}
</style>
</head>
<body>
 This paragraph for CSS</P>
<h1>html</h1>
<h2>CSS</h2>
</body>
```

Sol – html code:-

</html>



Exercise – 26

Q- Write code to show inline CSS with HTML code.

```
Sol – html code:

<!DOCTYPE html>
<html lang="en">
<head>
<title>Inline CSS Example</title>
</head>
<body>
<h1 style="color:red; font-family: Arial, sans-serif;">Welcome to My Web Page</h1>
This paragraph is styled using inline
CSS.
</body>
</html>
```



