Expt: (Web page creation)

1)

```
<!DOCTYPE html>
<html lang = "en">
<head>
  <meta charset = "UTF-8">
  <meta name = "description" content = "A sample webpage showing
head tag usage">
  <meta name = "author" content = "student Name">
  <meta name = "viewport" content = "width = device-width, initial-
                                     scale = 1.0">
<title> Sample web page </title>
  <link rel = "stylesheet" href = "styles.css">
<style>
  body {
        font-family : Arial, sans-serif ;
        background-color : #f0f8ff ;
  }
</style>
  <script>
    console.log ("Page loaded successfully!");
</script>
  </head>
  <body>
    <header>
    <h1> welcome to my web page </h1>
    </header>
      <main>
      <p> This page demonstrate the use of head section tags
      </p>
</main>
<footer>
  <p> &copy; 2025 student Name. All rights reserved </p>
</footer>
</body>
</html>
```

Output:

Simple Web page

Welcome to my web page
This page demonstrates the user of need section tags. @ 2025 student Name
All rights reserved

Result: Thus the Program executed sucessfully.

Nearest odd number :

2) <html>
<head>
<title> Nearest odd number </title>
<Script>
function findNearestOdd() {
let num = parseInt(prompt("Enter a number:"));
let nearestOdd;
if (num % 2 == 0) {
nearestOdd = num + 1; // or num - 1 }
else {
nearestOdd = num; }
alert("The nearest odd number is:" + nearestOdd);
}
</script>
</head>
<body>
<h1> Nearest odd Number Finder </h1>
<button onclick="findNearestOdd()">Find Nearest Odd
</button>
</body>
</html>

Output

Enter the number: 10

The nearest odd number is 11

3) <DOCTYPE html>
<html>
<head>
<title> Relative Positioning Example</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>

<h1 class="child"> Welcome to css positioning. </h1>
 This paragraph remains normally positioned

DATE: / /
PAGE No.:

```
<body>
</html>
Style.css
parent {
  border: 2px solid blue;
  padding: 20px;
  width: 400px;
  height: 200px;
  position: relative;
}
child {
  position: relative;
  top: 30px; /* Move the h1
      element 30px down */
  left: 20px; /* Move the h1
      element 20px to the right */
  color: dark green
}
```

output:

The parent is styled with the border to highlight the boundary.
The <h1> heading inside the parent moves 30px down & 20px right from its original position.
The <p> paragraph remains unaffected
Visual Result:
A blue box (parent div) contains A green heading slightly shifted down and right,
A normal paragraph positioned just below.

Result: the program has been executed successfully.

```
1) import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class
  Student Registeration servlet
extends HttpServlet {
  public void
do Get (HttpServlet Request
  req, HttpServlet Response
  res) throws Servlet
Exception, IOException {
    res.setContentType("
  text/html");
    Print writer out =
res.getwriter();
    String name =
req.getParameter("name");
    String regno =
req.getParameter("email")
  out.print<("html><body>");
  if (name == null || regno
    == null || course == null
  || email == null) {
out.println("Name: <input name
= 'name'><br><br>");
out println("Email: <input
name = 'email'><br><br>");}
else {
outprintf("name <p> <b>
Name: <b>%s</p>", name);
outprintf("<p> <b>Email:
  </b>%s</p>", email);
}
outprintln("</body></html>");
}
```

5) To create registration form

```
<html>
<head>
<title> Employee Registration </title>
<style>
body { font-family: Arial, background: #f0f8ff; }
container { background: #fff; padding: 20px; margin: 0px;
border: 2px solid #ccc; border-radius: 10px; }
h2 { text-align: center; colour: adablue; }
label { font-weight: bold; }
input, textarea, select { width: 100%; padding: 8px;
margin: 8px; border; radius: 5px; }
input[type=submit]: over { background: navy; }
</style>
</head>
<body>
<div class="container">
<form>
<label> Name: </label> <input type="text" required>
</div>
</body>
</html>
```

Output:

Employee Nam: [ ]
Employee ID : [ ]
Address : [ ]
Department : [ ]
mobile num: [ ]
city [ ]
register style

Result: The program is executed successfully.