

CSE 326 CA-3

Project

TOPIC

Website for Coding Practice

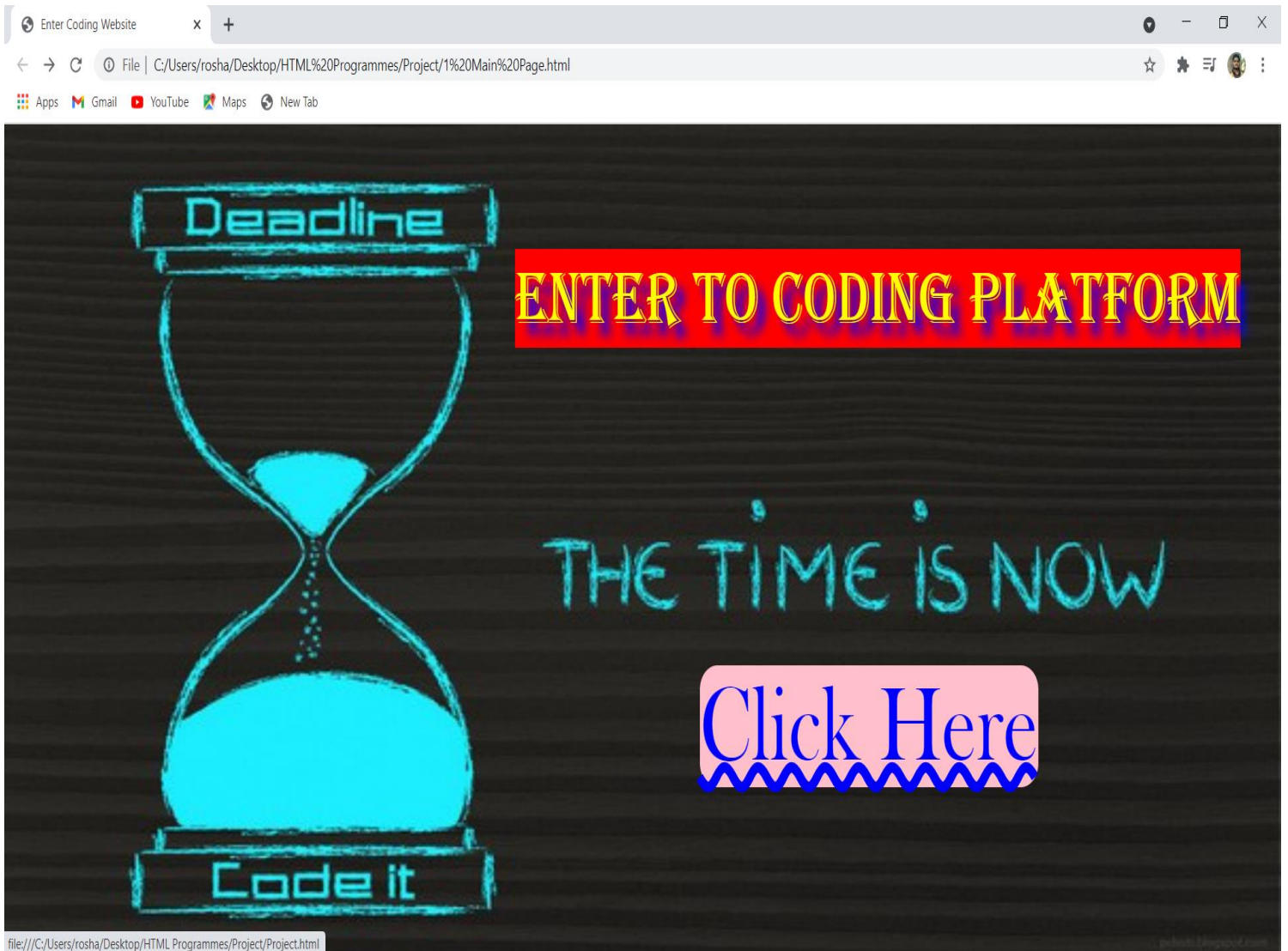
Group Members: --

1. Akhil Jais – Did Nothing
2. Rakesh Roshan – Made Homepage and Coding Page
3. Bhavya – Made Contact Form and Login Form

Homepage

```
<html>
<title>Enter Coding Website</title>
<head>
<style>
body
{
background-image :url("P5.Jpg");
background-repeat:no-repeat;
background-size:100% 100%;
}
.font
{
font-size: 65px;
text-shadow: 11px 11px 9px blue;
float: right;
background-color: red;
color: yellow;
margin: 100px 41px;
font-family: Algerian
}
a
{
font-size: 93px;
```

```
color: lightgreen;
float : right;
margin: 40px 284px;
text-decoration-line: underline;
text-decoration-style: wavy;
font-family: Baskerville Old Face;
}
a:hover
{
background-color: pink;
color: blue;
border-radius: 21px;
}
</style>
</head>
<body>
<p class="font">Enter to Coding
Platform</p><br><br><br><br><br><br><br><br><br><br><br><br><br><br>
<br><br><br><br><br><br>
<p><a href="2 Coding Page.html">Click Here</a></p>
</body>
</html>
```



Coding Page

```
<html>  
<title>Computer Geeks</title>  
<head>  
<style>  
body
```

```
{
background-image :url("P4.JPg");
background-repeat:no-repeat;
background-size:100% 100%;
}

.button
{
height:33px;
background-color: red;
color: yellow;
float: right;
font-size: 25px;
border-radius: 21px;
cursor: pointer;
font-family: Baskerville Old Face;
}

.button1:hover
{
background-color: green;
color: white;
}

.button2
{
margin:-12px 0px;
```

```
}  
.button3  
{  
  margin: -5px 0px;  
  padding: 2px 9px;  
  background-color: green;  
  color: white;  
  font-size: 25px;  
  border-radius: 21px;  
  cursor: pointer;  
  font-family: Algerian;  
}  
.button4:hover  
{  
  background-color: pink;  
  color: black;  
}  
li  
{  
  display: inline;  
  padding: 9px;  
}  
a  
{
```

```
font-size: 25px;
color: yellow;
}
a:hover
{
color: pink;
font-size: 37px;
background-color: blue;
}
.centered
{
position: absolute;
top: 8%;
left: 37%;
transform: translate(-50%, -50%);
}
.font1
{
font-size: 50px;
color: lightyellow;
font-family: Algerian;
}
.font
{
font-size: 50px;
```

```

}
</style>
</head>
<body>
<form action="/action_page.php" method="get">
<div style="width:1200px; height:1200px; margin:auto;">
<div style="width:1200px; height:100px; background-color:red;">

<div class="centered font1">COMPUTER GEEKS</div>
<ul div style="float:right;">
<li><a style="text-decoration:none"
href="https://ideone.com/">Practice</a></li>
<li><a style="text-decoration:none"
href="https://www.pcmag.com/encyclopedia/term/java">Code Library</a></li>
<li><a style="text-decoration:none" href="3 Contact
Form.html">Contact</a></li>
<li><a style="text-decoration:none" href="4 Login Form.html">Login</a></li>
</div>
<div style="width:800px;height:400px; background-color:purple; color:yellow;
float:left;">
<font size="8" color="lightblue"><u><b>Problem 1</b></u></font>
<p>
<u><font size="5">Objective</font></u><br>
This is a simple challenge to help you practice printing to stdout. You may also
want to complete Solve Me First in C++ before attempting this challenge.
<hr>

```


We're starting out by printing the most famous computing phrase of all time! In the editor below, use either printf or cout to print the string **Hello, World!** to stdout.

The printf command comes from C language. It accepts an optional format specification and a list of variables. Two examples for printing a string are:


```
printf("%s", string); printf(string);<br><br>
```

```
<u><font size="5">Output Format</font></u><br>
```

Print **Hello, World!** to stdout.


```
<b><u><font size="5">Sample Output</font></u></b><br>
```

Hello, World!

```
<input type="button" class="button button1 button2" value="See more"/>
```

```
</div>
```

```
<div style="width:400px;height:400px; background-color:lightblue; color:green; float:left;">
```

```
<center><font size="6"><u><b>Top Rated  
Problems</b></u></font></center><br>
```

```
<font size="5">1. Abstract Casses - Polymorphism<br>
```

```
2. Magic Spells<br>
```

```
3. C++ Variadics<br>
```

```
4. Bit Array<br>
```

```
5. Exceptional Server<br>
```

```
6. Virtual Functions<br>
```

```
7. Deque-STL<br>
```

```
8. Hotel Prices<br>
```

```
9. Cpp exception handling<br>
```

```
10. Attending Workshops</font><br><br>
```

```
<input type="submit" class="button button1" value="See more"/>
```

```
</div>
```

```
<div style="width:800px;height:400px; background-color:purple; color:yellow;
float:left;">
```

```
<font size="6" color="lightblue"><u><b>Problem 2</b></u></font>
```

```
<p>
```

The task is to overload the << operator for Person class in such a way that for p being an instance of class Person the result of:

```
std::cout << p << " " << <some_string_value> << std::endl;<br><br>
```

```
<u><font size="4"><b>Input Format</b></font></u><br>
```

In the only line of the input there are 3 space-separated strings first_name, last_name, event. The values of first_name and last_name will be used to create an object p of type Person.


```
<u><font size="4"><b>Output Format</b></font></u><br>
```

The output should be produced by the provided locked code template. This code will use the implementation of Person public methods and the overloaded << operator to produce the output. Specifically, the output will be produced by the following code:


```
cout << p << " " << event << endl;<br><br>
```

```
<u><font size="4"><b>Sample Input 0</b></font></u><br>
```

```
john doe registered<br><br>
```

```
<u><font size="4"><b>Sample Output 0</b></font></u><input type="submit"
class="button button1" value="See more"/><br>
```

```
first_name=john,last_name=doe registered
```

```
</div>
```

```
<div style="width:400px;height:400px; background-color:lightblue; color:green;
float:left;">
```

Top Used Language

1. Python

2. Javascript

3. Java

4. C#

5. C

6. C++

7. Go

8. R

9. Swift

10. PHP

```
<div style="width:1200px;height:100px; background-color:blue; clear:left;">
```

```
<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="submit" class="button3  
button4"
```

```
formation="file:///C:/Users/rosa/Desktop/HTML%20Programmes/Project/4%20Login%20Form.html#"
```

[Previous](#)

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



COMPUTER GEEKS

[Practice](#) [Code Library](#) [Contact](#) [Login](#)

Problem 1

Objective

This is a simple challenge to help you practice printing to stdout. You may also want to complete Solve Me First in C++ before attempting this challenge.

We're starting out by printing the most famous computing phrase of all time! In the editor below, use either `printf` or `cout` to print the string **Hello, World!** to stdout.
The `printf` command comes from C language. It accepts an optional format specification and a list of variables. Two examples for printing a string are:
`printf("%s", string); printf(string);`

Output Format

Print **Hello, World!** to stdout.

Sample Output

Hello, World!

[See more](#)

Problem 2

The task is to overload the `<<` operator for Person class in such a way that for `p` being an instance of class Person the result of: `std::cout << p << " " <<< std::endl;`

Input Format

In the only line of the input there are 3 space-separated strings `first_name`, `last_name`, `event`. The values of `first_name` and `last_name` will be used to create an object `p` of type Person.

Output Format

The output should be produced by the provided locked code template. This code will use the implementation of Person public methods and the overloaded `<<` operator to produce the output. Specifically, the output will be produced by the following code:

```
cout << p << " " << event << endl;
```

Sample Input 0

john doe registered

Sample Output 0

first_name=john,last_name=doe registered

[See more](#)

Top Rated Problems

1. Abstract Casses - Polymorphism
2. Magic Spells
3. C++ Variadics
4. Bit Array
5. Exceptional Server
6. Virtual Functions
7. Deque-STL
8. Hotel Prices
9. Cpp exception handling
10. Attending Workshops

[See more](#)

Top Used Language

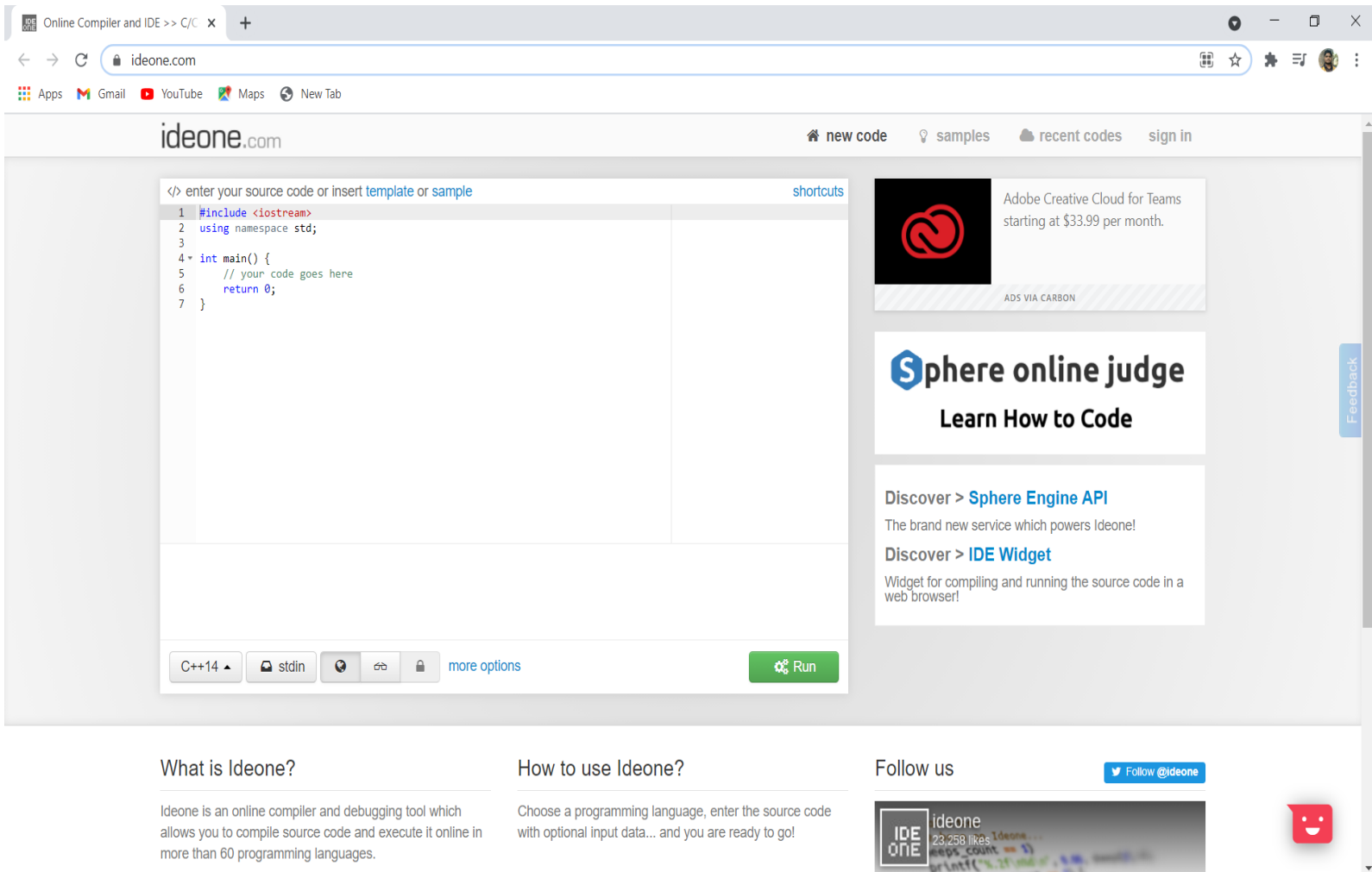
1. Python
2. Javascript
3. Java
4. C#
5. C
6. C++
7. Go
8. R
9. Swift
10. PHP

[See more](#)

[PREVIOUS](#)

[NEXT](#)

After Clicking Practice Button

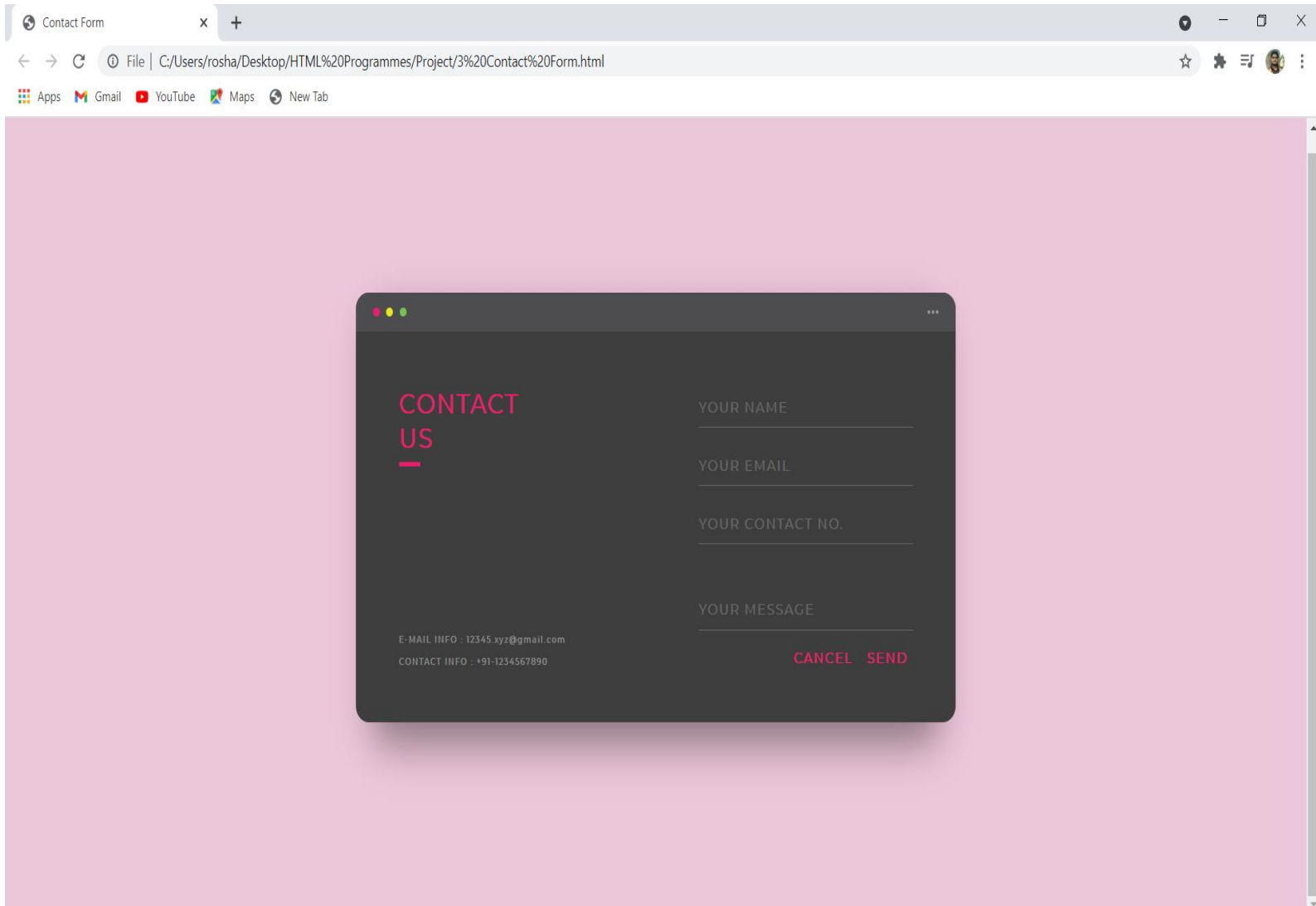


After Clicking Code Library Button

The screenshot shows the PCMag website with the URL `pcmag.com/encyclopedia/term/java`. The page features the PCMag logo, navigation links like #Amplify, #WorkFromHome, Reviews, Best Products, How-To, News, and Newsletters, and a search bar. The breadcrumb trail is `Home > Encyclopedia > J`. The main heading is **Java**, followed by a search bar labeled "Search PCMag Encyclopedia". Below this is a "BROWSE ENCYCLOPEDIA" section with a horizontal list of letters from A to Z and 0-9. The main content area contains a paragraph about Java: "An object-oriented programming language from Oracle that is platform independent. Developed by Sun in the early 1990s (Oracle acquired Sun in 2010), and modeled after C++, Java was originally designed for embedded applications in set-top boxes and other consumer electronics. Java ignited a revolution when Sun transitioned it to the Web in 1994. It is used in desktop computers, servers, mobile devices and Blu-ray players with more than". To the right of the text is an "ADVERTISEMENT" placeholder. A status bar at the bottom left says "Waiting for securepubads.doubleclick.net...".

The screenshot shows the PCMag website with the URL `pcmag.com/encyclopedia/c`. The page features the PCMag logo, navigation links, and a search bar. The breadcrumb trail is `Encyclopedia Index: A-Z | PCMag`. The main heading is **BROWSE ENCYCLOPEDIA**, followed by a horizontal list of letters from A to Z and 0-9. Below this is a grid of links organized in four columns. The first column contains links starting with ".com", ".coop", "C", "C-band", "C/C++", "C drive", "C example", "C-OPE", "C Plus Plus", "C-RAN", "C-RIMM", and "C". The second column contains links starting with "CF Microdrive", "CF2", "CFA", "CFG file", "CFL", "CFM", "CFML", "CFP2000", "CFP2006", "CFR", "CG", and "CGA". The third column contains links starting with "code rot", "code signing", "code signing certificate", "code token", "codebase", "codec", "codec examples", "codec switching", "codecs", "codefest", "CodePlex", and "coder". The fourth column contains links starting with "convertible laptop", "convertible notebook", "convertible tablet", "convertible tablet PC", "convolutional code", "COO", "Coobernetties", "cooked", "cookie", "cookie file", "cookie poisoning", and "cookies". To the right of the grid is an "ADVERTISEMENT" placeholder. A status bar at the bottom left says "Waiting for www.pcmag.com...".

After Clicking Contact Button



The screenshot shows a web browser window with a single tab titled "Contact Form". The address bar displays the file path: `C:/Users/rosha/Desktop/HTML%20Programmes/Project/3%20Contact%20Form.html`. The browser's taskbar at the bottom includes icons for "Apps", "Gmail", "YouTube", "Maps", and "New Tab".

The main content area of the browser is a solid light pink color. Centered on this background is a dark gray modal window with a subtle drop shadow. The modal has a title bar with three colored window control buttons (red, yellow, green) on the left and a close button (three dots) on the right.

Inside the modal, the text "CONTACT US" is displayed in a large, bold, pink font on the left side. To the right of this text are four input fields, each with a light gray label and a horizontal line for text entry:

- YOUR NAME
- YOUR EMAIL
- YOUR CONTACT NO.
- YOUR MESSAGE

At the bottom left of the modal, there is contact information in a small, light gray font:

E-MAIL INFO : 12345.xyz@gmail.com
CONTACT INFO : +91-1234567890

At the bottom right of the modal, there are two buttons: "CANCEL" in light gray and "SEND" in pink.

```
<html>
<title>Contact Form</title>
<head>
<style>
body
{
  background:#ecc6d9;
  font-size: 12px;
}

body, button, input
{
  font-family: 'Montserrat', sans-serif;
  font-weight: 700;
  letter-spacing: 1.4px;
}

.background
{
  display: flex;
  min-height: 100vh;
}

.container
{
  flex: 0 1 700px;
```



```
margin: auto;
padding: 10px;
}
```

```
.screen
{
  position: relative;
  background: #3e3e3e;
  border-radius: 15px;
}
```

```
.screen:after
{
  content: "";
  display: block;
  position: absolute;
  top: 0;
  left: 20px;
  right: 20px;
  bottom: 0;
  border-radius: 15px;
  box-shadow: 0 20px 40px rgba(0, 0, 0, .4);
  z-index: -1;
}
```

```
.screen-header
```

```
{
  display: flex;
  align-items: center;
  padding: 10px 20px;
  background: #4d4d4f;
  border-top-left-radius: 15px;
  border-top-right-radius: 15px;
}
```

.screen-header-left

```
{
  margin-right: auto;
}
```

.screen-header-button

```
{
  display: inline-block;
  width: 8px;
  height: 8px;
  margin-right: 3px;
  border-radius: 8px;
  background: white;
}
```

.screen-header-button.close

```
{
```

```
background: #ed1c6f;  
}
```

```
.screen-header-button.maximize  
{  
background: #e8e925;  
}
```

```
.screen-header-button.minimize  
{  
background: #74c54f;  
}
```

```
.screen-header-right  
{  
display: flex;  
}
```

```
.screen-header-ellipsis  
{  
width: 3px;  
height: 3px;  
margin-left: 2px;  
border-radius: 8px;  
background: #999;  
}
```

```
.screen-body
```

```
{  
  display: flex;  
}
```

```
.screen-body-item
```

```
{  
  flex: 1;  
  padding: 50px;  
}
```

```
.screen-body-item.left
```

```
{  
  display: flex;  
  flex-direction: column;  
}
```

```
.app-title
```

```
{  
  display: flex;  
  flex-direction: column;  
  position: relative;  
  color: #ea1d6f;  
  font-size: 26px;  
}
```

```
.app-title:after
{
  content: "";
  display: block;
  position: absolute;
  left: 0;
  bottom: -10px;
  width: 25px;
  height: 4px;
  background: #ea1d6f;
}
```

```
.app-contact
{
  margin-top: auto;
  font-size: 8px;
  color: #888;
}
```

```
.app-form-group
{
  margin-bottom: 15px;
}
```

```
.app-form-group.message
```

```
{  
  margin-top: 40px;  
}
```

```
.app-form-group.buttons  
{  
  margin-bottom: 0;  
  text-align: right;  
}
```

```
.app-form-control  
{  
  width: 100%;  
  padding: 10px 0;  
  background: none;  
  border: none;  
  border-bottom: 1px solid #666;  
  color: #ddd;  
  font-size: 14px;  
  text-transform: uppercase;  
  outline: none;  
  transition: border-color .2s;  
}
```

```
.app-form-control::placeholder  
{
```

```
    color: #666;  
}
```

```
.app-form-control:focus  
{  
    border-bottom-color: #ddd;  
}
```

```
.app-form-button  
{  
    background: none;  
    border: none;  
    color: #ea1d6f;  
    font-size: 14px;  
    cursor: pointer;  
    outline: none;  
}
```

```
.app-form-button:hover  
{  
    color: #b9134f;  
}
```

```
.credits  
{  
    display: flex;
```

```
justify-content: center;
align-items: center;
margin-top: 20px;
color: #ffa4bd;
font-family: 'Roboto Condensed', sans-serif;
font-size: 16px;
font-weight: normal;
}
```

```
.credits-link
{
display: flex;
align-items: center;
color: #fff;
font-weight: bold;
text-decoration: none;
}
```

```
.dribbble
{
width: 20px;
height: 20px;
margin: 0 5px;
}
```

```
@media screen and (max-width: 520px) {
```

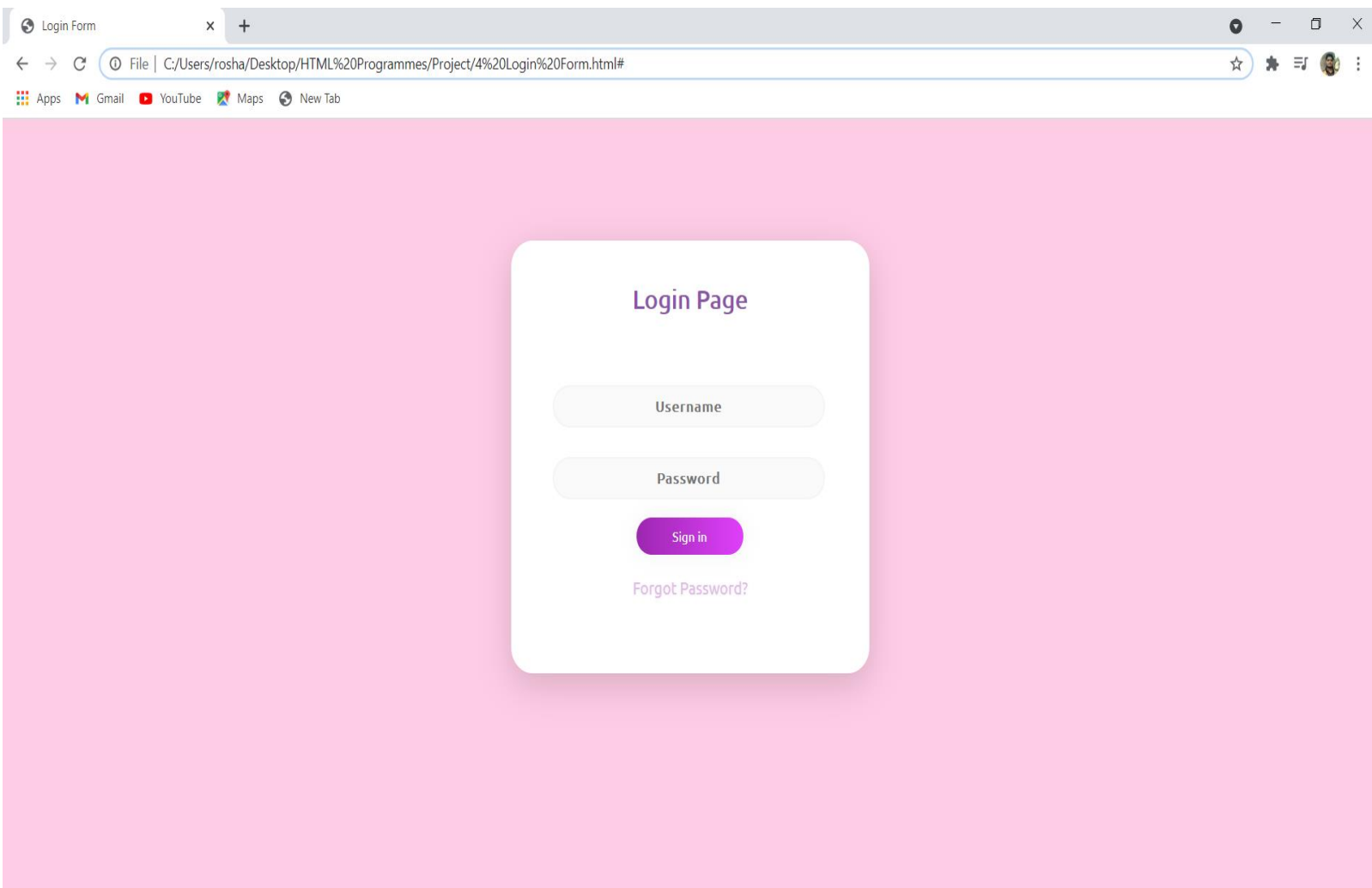


```
.screen-body {  
  flex-direction: column;  
}  
  
.screen-body-item.left {  
  margin-bottom: 30px;  
}  
  
.app-title {  
  flex-direction: row;  
}  
  
.app-title span {  
  margin-right: 12px;  
}  
  
.app-title:after {  
  display: none;  
}  
}  
  
</style>  
</head>  
<div class="background">  
<div class="container">
```

```
<div class="screen">
<div class="screen-header">
<div class="screen-header-left">
<div class="screen-header-button close"></div>
<div class="screen-header-button maximize"></div>
<div class="screen-header-button minimize"></div>
</div>
<div class="screen-header-right">
<div class="screen-header-ellipsis"></div>
<div class="screen-header-ellipsis"></div>
<div class="screen-header-ellipsis"></div>
</div>
</div>
<div class="screen-body">
<div class="screen-body-item left">
<div class="app-title">
<span>CONTACT</span>
<span>US</span>
</div><br><br><br><br><br><br><br><br>
<div class="app-contact">E-MAIL INFO : 12345.xyz@gmail.com
</div>
<div class="app-contact">CONTACT INFO : +91-1234567890</div>
</div>
<div class="screen-body-item">
<div class="app-form">
<div class="app-form-group">
```

```
<input class="app-form-control" placeholder="YOUR NAME">
</div>
<div class="app-form-group">
<input class="app-form-control" placeholder="YOUR EMAIL"></div>
<div class="app-form-group">
<input class="app-form-control" placeholder="YOUR CONTACT NO."></div>
<div class="app-form-group message">
<input class="app-form-control" placeholder="YOUR MESSAGE">
</div>
<div class="app-form-group buttons">
<button class="app-form-button">CANCEL</button>
<button class="app-form-button">SEND</button>
</div>
</div>
</div>
</div>
</div>
</div>
</html>
```

After Clicking Login Button



The screenshot shows a web browser window with a single tab titled "Login Form". The address bar displays the file path: "File | C:/Users/rosha/Desktop/HTML%20Programmes/Project/4%20Login%20Form.html#". Below the address bar, there are quick launch icons for "Apps", "Gmail", "YouTube", "Maps", and "New Tab". The main content area has a solid pink background. In the center, there is a white rounded rectangle containing the following elements:

- The title "Login Page" in a purple font.
- A light gray rounded input field labeled "Username".
- A light gray rounded input field labeled "Password".
- A purple rounded button labeled "Sign in".
- A link labeled "Forgot Password?" in a light purple font.

```
<html>

<title>Login Form</title>

<head>

<style>

Body

{

    background-color: #ffcce6;

    font-family: 'Ubuntu', sans-serif;

}

.main {

    background-color: #FFFFFF;

    width: 400px;

    height: 400px;

    margin: 7em auto;

    border-radius: 1.5em;

    box-shadow: 0px 11px 35px 2px rgba(0, 0, 0, 0.14);

}

.sign {

    padding-top: 40px;

    color: #8C55AA;

    font-family: 'Ubuntu', sans-serif;

    font-weight: bold;

    font-size: 25px;

}

.un {

    width: 76%;
```

```
color: rgb(38, 50, 56);  
font-weight: 700;  
font-size: 14px;  
letter-spacing: 1px;  
background: rgba(136, 126, 126, 0.04);  
padding: 10px 20px;  
border: none;  
border-radius: 20px;  
outline: none;  
box-sizing: border-box;  
border: 2px solid rgba(0, 0, 0, 0.02);  
margin-bottom: 50px;  
margin-left: 46px;  
text-align: center;  
margin-bottom: 27px;  
font-family: 'Ubuntu', sans-serif;  
}
```

```
form.form1 {  
    padding-top: 40px;  
}
```

```
.pass {  
    width: 76%;  
    color: rgb(38, 50, 56);  
    font-weight: 700;  
    font-size: 14px;  
    letter-spacing: 1px;  
    background: rgba(136, 126, 126, 0.04);
```

```
padding: 10px 20px;

border: none;

border-radius: 20px;

outline: none;

box-sizing: border-box;

border: 2px solid rgba(0, 0, 0, 0.02);

margin-bottom: 50px;

margin-left: 46px;

text-align: center;

margin-bottom: 27px;

font-family: 'Ubuntu', sans-serif;
}

.un:focus, .pass:focus {

    border: 2px solid rgba(0, 0, 0, 0.18) !important;

}

.submit {

    cursor: pointer;

    border-radius: 5em;

    color: #fff;

    background: linear-gradient(to right, #9C27B0, #E040FB);

    border: 0;

    padding-left: 40px;

    padding-right: 40px;

    padding-bottom: 10px;

    padding-top: 10px;

    font-family: 'Ubuntu', sans-serif;

    margin-left: 35%;
```

```
        font-size: 13px;

        box-shadow: 0 0 20px 1px rgba(0, 0, 0, 0.04);
    }

    .forgot {

        text-shadow: 0px 0px 3px rgba(117, 117, 117, 0.12);

        color: #E1BEE7;

        padding-top: 15px;
    }

    a {

        text-shadow: 0px 0px 3px rgba(117, 117, 117, 0.12);

        color: #E1BEE7;

        text-decoration: none
    }
</style>
</head>
<div class="main">
<p class="sign" align="center">Login Page</p>
<form class="form1">
<input class="un " type="text" align="center" placeholder="Username">
<input class="pass" type="password" align="center" placeholder="Password">
<a class="submit" align="center">Sign in</a>
<p class="forgot" align="center"><a href="#">Forgot Password?</p>
</div>
</body>
</html>
```