

ICP3 Report

Contributors:

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https://github.com/navyakusam/Web-and-Mobile-Programming-Spring-2022/tree/main/ICP3_Web

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https://github.com/DP2196/WebMobile-Spring2022/tree/master/2022Spring-Web/Web_ICP3

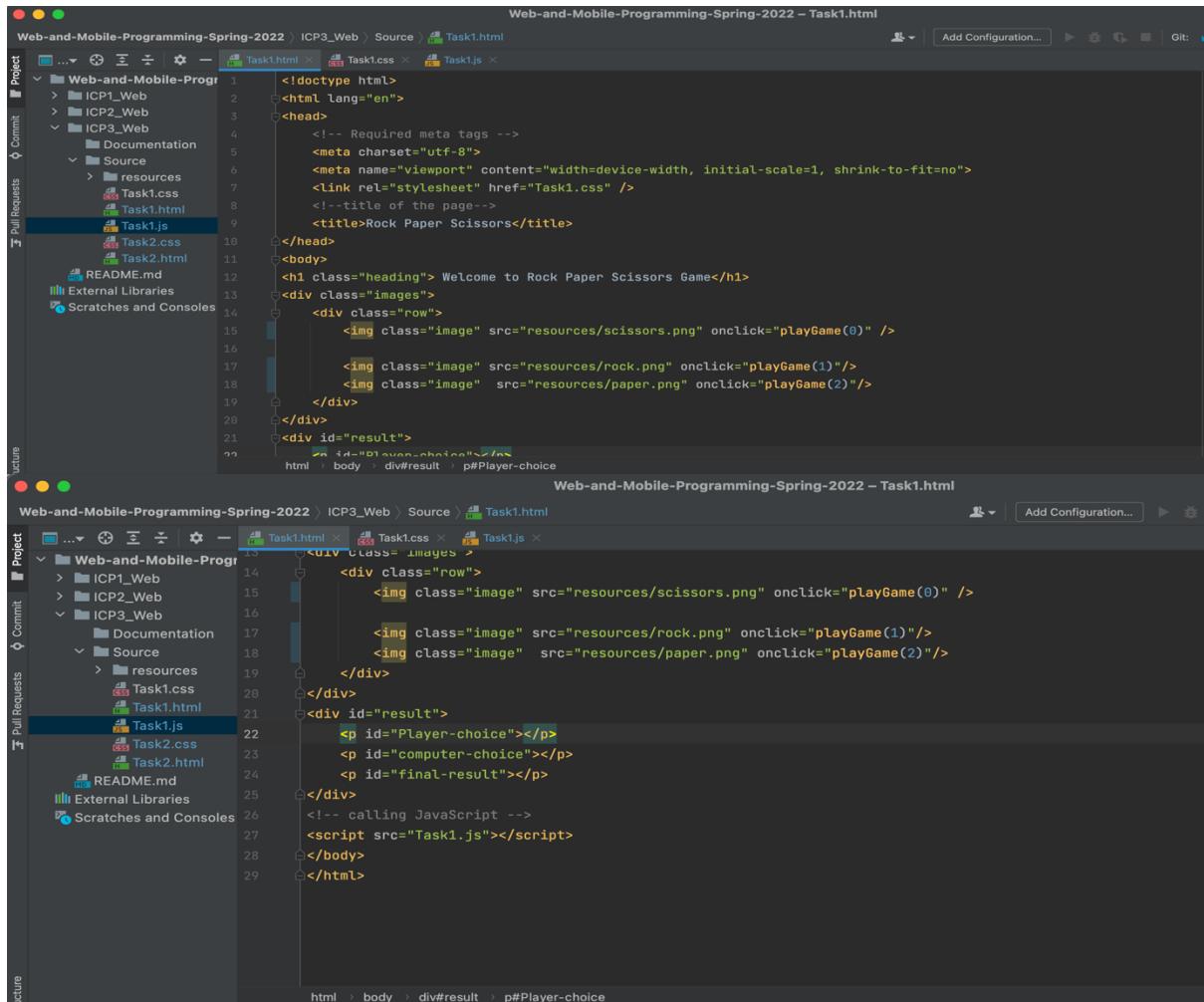
Tasks performed in ICP3:

1. Created the new repository under Web-and-Mobile-Programming-Spring-2022 remote repository and checked out the same in local with source and documentation folders in it. Created an HTML Page **Task1.html**, **Task2.html**, **Task1.css**, **Task1.js**, **Task2.css** under WebStorm/web/Web-and-Mobile-Programming-Spring-2022/ICP3_Web/Source.
2. In Task1.html, we have added title of the page as Rock Paper Scissors and created the body with the heading to welcome the page. Then created the div with images class, in order to do the styling later on, under this div class we have created the image tags along with onclick function which in turn calls the playGame() function from the Task1.js .
3. Inside Task1.js we created the function playGame with the parameter as the playerChoice. Then mapped the integer with action **0 means scissors and 1 means rock and 2 means paper**. Then Math.random to generate random choice for the computer. Wrote the conditions for the Tie, win, lose situations , which displays the message respective to it.
4. **document.getElementById** is used to display the player-choice, computer-choice, final-result.
5. Added styling elements for the Task1.html in Task1.css .
6. In Task2.html, we created the responsive web page using some bootstrap and css elements. This web page displays the profile information of the both ICP members and link to the github project using button which is created from the bootstrap class detail-btn.
7. Below this row, we have included our common interests, where screen is divided into 4 partitions, for placing the images and their respective links. We have created the click action in a way such that new window is opened for the link.

8. Added styling elements, included the background image using the url and created the body background using linear-gradient (to bottom, powderblue, lightskyblue) for the Task2.html in Task2.css .

Code Base:

Task1.html



```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <link rel="stylesheet" href="Task1.css" />
    <!-- title of the page-->
    <title>Rock Paper Scissors</title>
</head>
<body>
    <h1 class="heading"> Welcome to Rock Paper Scissors Game</h1>
    <div class="images">
        <div class="row">
            
            
            
        </div>
    </div>
    <div id="result">
        <p id="Player-choice"></p>
        <p id="computer-choice"></p>
        <p id="final-result"></p>
    </div>
    <!-- calling JavaScript -->
    <script src="Task1.js"></script>
</body>
</html>
```

```
<ul class="images">
    <div class="row">
        
        
        
    </div>
</div>
<div id="result">
    <p id="Player-choice"></p>
    <p id="computer-choice"></p>
    <p id="final-result"></p>
</div>
<!-- calling JavaScript -->
<script src="Task1.js"></script>
</body>
</html>
```

Task1.css

Web-and-Mobile-Programming-Spring-2022 – Task1.css

Project Commit Pull Requests External Libraries Scratches and Consoles

```
1 .heading{  
2     display: flex;  
3     align-items:center;  
4     flex-direction: column;  
5     width: 100%;  
6 }  
7 .images {  
8     display: flex;  
9     align-items:center;  
10    /* justify-content: center; */  
11    flex-direction: column;  
12 }  
13 .header {  
14     text-align: center;  
15     margin: 20px 10px  
16 }  
17 /* Clearfix (clear floats) */  
18 .row::after {  
19     content: "";  
20     clear: both;  
21     display: table;  
22 }  
23 .image {  
24     display: block;  
25     margin-left: auto;  
26     margin-right: auto;  
27     width: 20%;  
28 }  
29 #result {  
30     display: flex;  
31     justify-content: center;  
32     align-items: center;  
33     flex-direction: column;  
34 }  
35 #result p {  
36     font-size: 20px;  
37 }  
38 #Final
```

Web-and-Mobile-Programming-Spring-2022 – Task1.css

Project Commit Pull Requests External Libraries Scratches and Consoles

```
18 /* Clearfix (clear floats) */  
19 .row::after {  
20     content: "";  
21     clear: both;  
22     display: table;  
23 }  
24 .image {  
25     display: block;  
26     margin-left: auto;  
27     margin-right: auto;  
28     width: 20%;  
29 }  
30 #result {  
31     display: flex;  
32     justify-content: center;  
33     align-items: center;  
34     flex-direction: column;  
35 }  
36 #result p {  
37     font-size: 20px;  
38 }
```

The screenshot shows a code editor interface with the following details:

- Project Bar:** Shows the project structure: "Web-and-Mobile-Programming-Spring-2022" > "ICP3_Web" > "Source".
- Code Editor:** The current file is "Task1.css". The code contains CSS rules for "result" and "result p" elements, and a partially defined rule for "#Final".

```
margin-right: auto;
width: 20%;}
}
#result {
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
}
#result p {
    font-size: 20px;
    font-weight: bold;
}
#Final {
    font-size: 40px;
```
- Sidebar:** Includes sections for "Project", "Commit", "Pull Requests", and "Scratches and Consoles".

Task1.js

```
// Calling the playGame function:  
function playGame(playerChoice) {  
  
    // map integer with action, 0 means scissors and 1 means rock and 2 means paper  
    const map = ["scissors", "rock", "paper"];  
  
    // random integer from 0,1,2  
    const computerChoice = Math.floor( Math.random()*3 );  
  
    // Game deciding message  
    let message;  
  
    // tie condition  
    if(playerChoice == computerChoice) {  
        message = "It's a tie";  
    }  
  
    // computer winning conditions  
    else if((playerChoice == 0 && computerChoice == 1) || (playerChoice == 1 && computerChoice == 2) || (playerChoice == 2 && computerChoice == 0))  
    {  
        message = "Computer Won";  
    }  
  
    // player winning conditions  
    else {  
        message = "You Won";  
    }  
  
    // displaying the player choice  
    document.getElementById('Player-choice').innerHTML = `You Selected : ${map[playerChoice]}`;  
    // displaying the computer choice  
    document.getElementById('computer-choice').innerHTML = `Computer Selected : ${map[computerChoice]}`;  
    // displaying the final result  
    document.getElementById('Final').innerHTML = message;  
}
```

Task2.html

Web-and-Mobile-Programming-Spring-2022 > ICP3_Web > Source > Task2.html

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

        <!-- Bootstrap & CSS -->
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXcB2q5s9AKnNNuGZTf2Jnq+QVl6PQoE5+16LZIgQ3aVWjC9kvqU+0J3" crossorigin="anonymous">
        <link rel="stylesheet" href="Task2.css">
        <title>Profile</title>
    </head>
    <body>
        <div class="container">
            <div class="row profile">
                <div class="col-3">
                    
                </div>
                <!-- Profile Information-->
                <div class="col-9">
                    <div class="profile-info text-right">
                        <h1> Navya, Durga Prasad </h1>
                        <h3>Master's Student (UMKC)</h3>
                    </div>
                    <div class="row">
                        <div class="col">
                            <div class="wrapper">
                                <!-- Created Github Link -->
                                <p class="text"> Click on below link for <span class="highlight"> Github </span> projects</p>
                                <a href="https://github.com/navyakusum/Web-and-Mobile-Programming-Spring-2022" target="_blank" class="detail-btn">click here</a>
                            </div>
                        </div>
                    </div>
                    <h3> Our Common Interests</h3>
                    <!-- Divided the row in 4 partitions for placing the images and their respective link -->
                </div>
            </div>
        </div>
        <div class="row last_setting">
            <!--Our First Common Interest Badminton-->
            <div class="col">
                <a href="https://en.wikipedia.org/wiki/Badminton" target="_blank"></a>
                <h5 class="image-heading"> Badminton </h5>
            </div>
            <!--Our Second Common Interest Plants-->
            <div class="col">
                <a href="https://en.wikipedia.org/wiki/Plant" target="_blank"></a>
                <h5 class="image-heading"> Plants </h5>
            </div>
            <!--Our Third Common Interest PUBG Game -->
            <div class="col">
                <a href="https://na.battlegrounds.pubg.com/" target="_blank"></a>
                <h5 class="image-heading"> PUBG Mobile </h5>
            </div>
            <!--Our Fourth Common Interest Tech Gadgets -->
            <div class="col">
                <a href="https://www.dell.com/en-us/shop/dell-laptops/sc/laptops" target="_blank"></a>
                <h5 class="image-heading"> Tech Gadgets</h5>
            </div>
        </div>
    </body>
</html>
```

Task2.css

The image displays four vertically stacked code editors, each showing a different section of the same CSS file, `Task2.css`, from a project named "Web-and-Mobile-Programming-Spring-2022".

Top Editor:

```
* { margin: 0; padding: 0; }
body {
    font-family: 'Georgia', serif;
    background: linear-gradient(to bottom, powderblue, lightskyblue);
}
.profile {
    height: 120px;
    margin-top: 10px;
    border-bottom: 1px solid black;
    color: black;
}
.profile-pic {
    height: 100px;
}
.wrapper {
    margin-top: 10px;
    background-image: url('https://wallpapercave.com/w/wp6165633.jpg');
    height: 500px;
    color: darkblue;
}
```

Second Editor:

```
.wrapper {
    margin-top: 10px;
    background-image: url('https://wallpapercave.com/w/wp6165633.jpg');
    height: 500px;
    color: darkblue;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 18px;
    background-position: left;
    background-repeat: no-repeat;
    background-size: cover;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    margin-bottom: 20px;
}
.wrapper .highlight {
    color: deeppink;
    font-family: monospace;
    font-style: italic;
    font-size: 30px;
```

Third Editor:

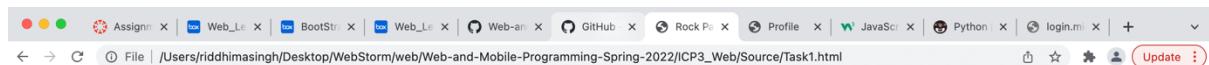
```
.wrapper .highlight {
    color: deeppink;
    font-family: monospace;
    font-style: italic;
    font-size: 30px;
}
.wrapper .detail-btn {
    border: 1px solid black;
    border-radius: 15px;
    padding: 5px;
    background-color: powderblue;
    color: black;
}
.col .image {
    width: 100%;
    height: 200px;
```

Bottom Editor:

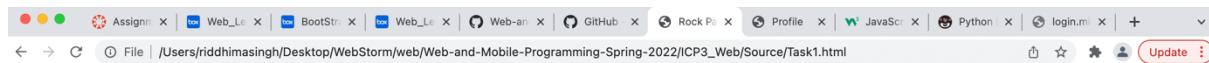
```
.col .image {
    width: 100%;
    height: 200px;
}
.image-heading {
    margin-top: 10px;
    text-align: center;
    font-weight: bold;
}
.setting {
    margin-bottom: 20px;
```

Output Screens:

Task1-Output:



Welcome to Rock Paper Scissors Game



Welcome to Rock Paper Scissors Game



You Selected : scissors

Computer Selected : paper

You Won

Task2-Output:

Click to go forward, hold to see history



Navya, Durga Prasad

Master's Student (UMKC)

Click on below link for **Github** projects

[click here](#)



Our Common Interests



Badminton



Plants



PUBG Mobile



Tech Gadgets

en.wikipedia.org/wiki/Badminton

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Badminton

From Wikipedia, the free encyclopedia

This article is about the sport. For other uses, see [Badminton \(disambiguation\)](#).

Badminton is a racquet sport played using racquets to hit a shuttlecock across a net. Although it may be played with larger teams, the most common forms of the game are "singles" (with one player per side) and "doubles" (with two players per side). Badminton is often played as a casual outdoor activity in a yard or on a beach; formal games are played on a rectangular indoor court. Points are scored by striking the shuttlecock with the racquet and landing it within the opposing side's half of the court.

Each side may only strike the shuttlecock once before it passes over the net. Play ends once the shuttlecock has struck the floor or if a fault has been called by the umpire, service judge, or (in their absence) the opposing side.^[1]

The shuttlecock is a feathered (or in informal matches) plastic projectile which flies differently from the balls used in many other sports. In particular, the feathers create much higher drag, causing the shuttlecock to decelerate more rapidly. Shuttlecocks also have a high top speed compared to the balls in other racquet sports. The flight of the shuttlecock gives the sport its distinctive nature.

The game developed in British India from the earlier game of [battledore](#) and [shuttlecock](#). European play came to be dominated by Denmark but the game has become very popular in Asia, with recent competitions dominated by China. Since 1992, badminton has been a [Summer Olympic](#)

Badminton



Two Chinese pairs compete in the mixed doubles gold medal match of the 2012 Olympics

en.wikipedia.org/wiki/Plant

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Plant

From Wikipedia, the free encyclopedia

For other uses, see [Plant \(disambiguation\)](#).

Plants are predominantly photosynthetic eukaryotes of the kingdom Plantae. Historically, the plant kingdom encompassed all living things that were not animals, and included algae and fungi; however, all current definitions of Plantae exclude the fungi and some algae, as well as the prokaryotes (the archaea and bacteria). By one definition, plants form the clade Viridiplantae (Latin name for "green plants"), a group that includes the flowering plants, conifers and other gymnosperms, ferns and their allies, horworts, liverworts, mosses, and the green algae, but excludes the red and brown algae.

Most plants are multicellular organisms. Green plants obtain most of their energy from sunlight via photosynthesis by primary chloroplasts that are derived from endosymbiosis with cyanobacteria. Their chloroplasts contain chlorophyll a and b, which gives them their green color. Some plants are parasitic or mycotrophic and have lost the ability to produce normal amounts of chlorophyll or to photosynthesize, but still have flowers, fruits, and seeds. Plants are characterized by sexual reproduction and alternation of generations, although asexual reproduction is also common.

There are about 320,000 species of plants, of which the great majority, some 260–290 thousand, produce seeds.^[5] Green plants provide a substantial proportion of the world's molecular oxygen,^[6] and are the basis of most of Earth's ecosystems. Plants that produce grain, fruit, and vegetables also form basic human foods and have been domesticated for millennia. Plants have many cultural and other uses, as ornaments, tools, and medicines.

Plants

Temporal range: Mesoproterozoic–present

Had' n Archean Proterozoic Pha.

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