



Assignment 1 - 20BCE10584 - IWP


Q. Design the form displayed, with all validation.

Payment Form

Account

 Full Name

 Nick Name

 Email Address

Date of Birth

DD

MM


YYYY


Gender


Male


Female


Payment Details


 Credit Card

 Paypal

 Card Number

 Card CVC

01 jun 

2020 

PAY NOW

Answer : -

Output : -

The screenshot shows a web browser with a red header bar containing navigation icons and the URL `127.0.0.1:5500/Full/index.html`. The main content is a 'Payment Form' with the following sections:

- Account:** Two input fields. The first contains 'Raghuveer' with a user icon. The second contains 'r4ghuveer' with a user icon.
- Email:** An input field containing 'raghuveer.2020@vitbhupal.ac.in' with an envelope icon.
- Date of Birth:** Three input fields containing '08', '10', and '2002'.
- Gender:** Two radio button options: 'Male' (selected) and 'Female'.
- Payment Details:** Two radio button options: 'Credit Card' (selected) and 'Paypal'.
- Card Number:** A text input field with a card icon. A tooltip message 'Please fill out this field.' points to this field.
- Card Expiry:** Two dropdown menus. The first shows '123' with a user icon. The second shows '2023'.
- Pay Now:** A large green button labeled 'PAY NOW'.

HTML : -

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Payment Form</title>
  <link href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css" rel="stylesheet"
    integrity="sha384-
```

```

wvfXpqpZZVQGK6TAh5PVLG0fQNHSoD2xbE+QkPxCAF1NEevoEH3Sl0sibVc0QVnN"
crossorigin="anonymous">
    <link rel="stylesheet" href="style.css">
    <script src="script.js" defer></script>
</head>

<body>
    <div class="wrapper">
        <h2>Payment Form</h2>
        <form method="POST" onsubmit="return validate()">
            <h4>Account</h4>
            <div class="input-group">
                <div class="input-box">
                    <input type="text" placeholder="Full Name" required
class="name">
                    <i class="fa fa-user icon"></i>
                </div>
                <div class="input-box">
                    <input type="text" placeholder="Nick Name" required
class="name">
                    <i class="fa fa-user icon"></i>
                </div>
            </div>
            <div class="input-group">
                <div class="input-box">
                    <input type="email" placeholder="Email Address" required
class="name">
                    <i class="fa fa-envelope icon"></i>
                </div>
            </div>
            <div class="input-group">
                <div class="input-box">
                    <h4> Date of Birth</h4>
                    <input required type="text" placeholder="DD" class="dob"
id="dd">
                    <input required type="text" placeholder="MM" class="dob"
id="mm">
                    <input required type="text" placeholder="YYYY" class="dob"
id="yyyy">
                </div>
                <p id="doberror" style="color: red;"></p>
                <div class="input-box">
                    <h4> Gender</h4>
                    <input type="radio" id="b1" name="gendar" checked
class="radio">
                    <label for="b1">Male</label>
                    <input type="radio" id="b2" name="gendar" class="radio">
                    <label for="b2">Female</label>
                </div>
            </div>
            <div class="input-group">
                <div class="input-box">
                    <h4>Payment Details</h4>
                    <input type="radio" name="pay" id="bc1" checked class="radio">

```

```

        <label for="bc1"><span><i class="fa fa-cc-visa"></i> Credit
Card</span></label>
        <input type="radio" name="pay" id="bc2" class="radio">
        <label for="bc2"><span><i class="fa fa-cc-paypal"></i>
Paypal</span></label>
    </div>
</div>
<div class="input-group">
    <div class="input-box">
        <input type="tel" placeholder="Card Number" required
class="name" id="card">
        <i class="fa fa-credit-card icon"></i>
    </div>
    <p id="errorcard" style="color: red"></p>
</div>
<div class="input-group">
    <div class="input-box">
        <input type="tel" placeholder="Card CVC" required class="name"
id="cvc">
        <i class="fa fa-user icon"></i>
    </div>
    <p id="errorcvc" style="color: red"></p>
    <div class="input-box">
        <select>
            <option>01 jun</option>
            <option>02 jun</option>
            <option>03 jun</option>
        </select>
        <select>
            <option>2020</option>
            <option>2021</option>
            <option>2022</option>
        </select>
    </div>
</div>
<div class="input-group">
    <div class="input-box">
        <button type="submit">PAY NOW</button>
    </div>
</div>
</form>
</div>
</body>

</html>

```

Javascript :-

```

function validate() {
    const card = document.getElementById("card").value;

```

```
const errorCard = document.getElementById("errorcard");
if (isNaN(card)) {
    errorCard.innerHTML = "Please enter a number.";
    return false;
}

const cvc = document.getElementById("cvc").value;
const errorCVC = document.getElementById("errorcvc");
if (isNaN(cvc)) {
    errorCVC.innerHTML = "Card CVC should be a number.";
    return false;
} else if (cvc.length !== 3) {
    errorCVC.innerHTML = "Card CVC should be 3 characters long.";
    return false;
}

const dd = document.getElementById("dd").value;
const mm = document.getElementById("mm").value;
const yyyy = document.getElementById("yyyy").value;
const dobererror = document.getElementById("doberror");
if (isNaN(dd) || isNaN(mm) || isNaN(yyyy)) {
    dobererror.innerHTML = "DOB must be a number";
    return false;
} else if (dd.length !== 2 || mm.length !== 2 || yyyy.length !== 4) {
    dobererror.innerHTML = "Please enter correct DOB";
    return false;
} else if (yyyy > 2023) {
    dobererror.innerHTML = "Year must be less than or equal to 2023";
    return false;
}
return true;
}
```

CSS : -

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

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body{
    background-color: #f5f5f5;
    font-family: Arial, Helvetica, sans-serif;
}
```

```
.wrapper{
  background-color: #fff;
  width: 500px;
  padding: 25px;
  margin: 25px auto 0;
  box-shadow: 0px 0px 20px rgba(0,0,0,0.5);
}
.wrapper h2{
  background-color: #fcfcfc;
  color: #7ed321;
  font-size: 24px;
  padding: 10px;
  margin-bottom: 20px;
  text-align: center;
  border: 1px dotted #333;
}
h4{
  padding-bottom: 5px;
  color: #7ed321;
}
.input-group{
  margin-bottom: 8px;
  width: 100%;
  position: relative;
  display: flex;
  flex-direction: row;
  padding: 5px 0;
}
.input-box{
  width: 100%;
  margin-right: 12px;
  position: relative;
}
.input-box:last-child{
  margin-right: 0;
}
.name{
  padding: 14px 10px 14px 50px;
  width: 100%;
  background-color: #fcfcfc;
  border: 1px solid #00000033;
  outline: none;
  letter-spacing: 1px;
  transition: 0.3s;
  border-radius: 3px;
  color: #333;
}
.name:focus, .dob:focus{
  -webkit-box-shadow:0 0 2px 1px #7ed32180;
  -moz-box-shadow:0 0 2px 1px #7ed32180;
  box-shadow: 0 0 2px 1px #7ed32180;
  border: 1px solid #7ed321;
}
.input-box .icon{
```

```
width: 48px;
display: flex;
justify-content: center;
align-items: center;
position: absolute;
top: 0px;
left: 0px;
bottom: 0px;
color: #333;
background-color: #f1f1f1;
border-radius: 2px 0 0 2px;
transition: 0.3s;
font-size: 20px;
pointer-events: none;
border: 1px solid #00000033;
border-right: none;
}
.name:focus + .icon{
background-color: #7ed321;
color: #fff;
border-right: 1px solid #7ed321;
border: none;
transition: 1s;
}
.dob{
width: 30%;
padding: 14px;
text-align: center;
background-color: #fcfcfc;
transition: 0.3s;
outline: none;
border: 1px solid #c0bfbf;
border-radius: 3px;
}
.radio{
display: none;
}
.input-box label{
width: 50%;
padding: 13px;
background-color: #fcfcfc;
display: inline-block;
float: left;
text-align: center;
border: 1px solid #c0bfbf;
}
.input-box label:first-of-type{
border-top-left-radius: 3px;
border-bottom-left-radius: 3px;
border-right: none;
}
.input-box label:last-of-type{
border-top-right-radius: 3px;
border-bottom-right-radius: 3px;
```

```
}  
.radio:checked + label{  
  background-color: #7ed321;  
  color: #fff;  
  transition: 0.5s;  
}  
.input-box select{  
  display: inline-block;  
  width: 50%;  
  padding: 12px;  
  background-color: #fcfcfc;  
  float: left;  
  text-align: center;  
  font-size: 16px;  
  outline: none;  
  border: 1px solid #c0bfbf;  
  cursor: pointer;  
  transition: all 0.2s ease;  
}  
.input-box select:focus{  
  background-color: #7ed321;  
  color: #fff;  
  text-align: center;  
}  
button{  
  width: 100%;  
  background: transparent;  
  border: none;  
  background: #7ed321;  
  color: #fff;  
  padding: 15px;  
  border-radius: 4px;  
  font-size: 16px;  
  transition: all 0.35s ease;  
}  
button:hover{  
  cursor: pointer;  
  background: #5eb105;  
}
```