

Ans 1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
    initial-scale=1.0">
  <title> the mobile Ambulance - EMRI 108 </title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
    }
    h1 {
      margin-top: 20px;
      font-size: 24px;
    }
    .container {
      display: flex;
      justify-content: center;
      margin-top: 20px;
    }
    table {
      border-collapse: collapse;
      width: 60%;
      margin: 0 10px;
    }
    th, td {
      border: 1px solid black;
      padding: 10px;
      text-align: left;
    }
    .image-container {
      margin-top: 20px;
    }
    .image-container img {
      width: 50%;
      height: auto;
    }
  </style>
```

</head>

<body>

<h1> the mobile Ambulance - Envi 108 </h1>

<div class="Container">

<table>

<tr>

<th colspan="2"> Special Equipments </th>

</tr>

<tr>

<td> Retractable protective armour </td>

</tr>

<tr>

<td> Weapons System </td>

</tr>

<tr>

<td> Instruments - Aircraft </td>

</tr>

</table>

<table>

<tr>

<th colspan="2"> Specifications / Performance </th>

</tr>

<tr>

<td> Engine type </td>

<td> Jet turbine </td>

</tr>

<tr>

<td> Thrust </td>

<td> 150 lbs @ 103% ROS </td>

</tr>

<tr>

<td> Torque </td>

<td> 175 lbs @ 98.7% ROS </td>

</tr>

<tr>

<td> 0-60 MPH </td>

<td> 3.7 Sec </td>

</tr>

// Similar more specifications

```
</table>
</div>
<div class="image-container">
  
</div>
</body>
</html>
```

Ans 2:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
      initial-scale=1.0">
    <title>GVK EMRI 108 Ambulance</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        text-align: center;
        margin: 20px;
      }
      .content {
        border: 1px solid black;
        padding: 20px;
        display: flex;
        justify-content: center;
        align-items: center;
      }
    </style>
  </head>
  <body>
    <div class="content">
      <div class="text">
        <h1>GVK EMRI 108 Ambulance</h1>
      </div>
    </div>
  </body>
</html>
```

.image-Container {

Flex: 1;

}

.image-Container img {

max-width: 100%;

height: auto;

}

.text-Container {

Flex: 2;

text-align: left;

padding-left: 20px;

}

</style>

</head>

<body>

<div class="Content">

<div class="image-Container">

</div>

<div class="text-Container">

<p> GVK EMRI (Emergency management and Research
Institute) is a pioneer in Emergency management.

(Body)

</p>

</div>

</div>

</body>

</html>

Ans 3,

```
<!DOCTYPE html>
<html lang = "en">
<head>
  <meta charset = "UTF-8">
  <meta name = "viewport" content = "width=device-width,
    initial-scale = 1.0">
  <title> my portfolio </title>
  <link rel = "stylesheet" href = "https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
  <style>
    .header {
      background-color: #28a745;
      color: white;
      padding: 10px 0;
      text-align: center;
    }
    .header img {
      border-radius: 50%;
      margin-bottom: 20px;
    }
    .navbar {
      background-color: #343a40;
    }
    .navbar a {
      color: white;
    }
  </style>
</head>
<body>
  <nav class = "navbar navbar-expand-lg navbar-dark">
    <a class = "navbar-brand" href = "#"> Start Bootstrap </a>
    <button class = "navbar-toggler" type = "button" data-toggle =
      "collapse" data-target = "#navbarNav" aria-controls =
      "navbarNav" aria-expanded = "false" aria-label = "toggle
      navigation">
```


</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ml-auto">

<li class="nav-item">

Portfolio

<li class="nav-item"> About

<li class="nav-item"> Contact

</div>

</nav>

<header class="header">

<h1>Start Bootstrap </h1>

<p>Graphic Artist - Web Designer - Illustrator </p>

</header>

<section id="portfolio" class="py-5 text-center">

<div class="container">

<h2 class="mb-4">Portfolio </h2>

<div class="row">

<div class="col-lg-4 col-sm-6 mb-4">

<div class="portfolio-item">

<h4>Project 1 </h4>

</div>

</div>

Same as Project 2 & Project 3

</div>

</div>

</section>


```

<Script Src="https://code.jquery.com/jquery-3.5.1.slim.min.js">
</Script>
<Script Src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/
js/bootstrap.bundle.min.js"></Script>

</body>
</html>

```

Ans 4, 1) Hotel Customer Data Entry web Page

- Field Required:
 - Name (text)
 - Address (text)
 - Age (Number)
 - Gender
 - Room type
 - type of Payment
- Validation using Javascript
 - Ensure all fields are filled out
 - Validate that the age Entered is a positive number
 - Validate that the Selected payment type and room type are Valid options
 - Add alerts or messages for any invalid input

2) Employee Bio-data Information web Page

- Field Required
 - Full Id
 - Date of Birth
 - Employee Id
 - Gender
 - Department
 - Designation
 - Contact Number

image-Container &

Ans 6, CSS refers to the way Styles are applied to Elements based on the order of the rules and their Specificity. It determines which CSS rules are applied when there are conflicting Styles for an Element.

Various Approaches of CSS -

- 1) Inline CSS -
Directly applying styles to an Element using the style attributes
`<p style="Color: Blue;" > This is a blue text </p>`
- 2) Internal CSS -
Placing CSS within a `<style>` tag in the `<head>`

```
<style>  
  p {  
    Color: blue;  
  }  
</style>
```
- 3) External CSS -
Linking an external stylesheet file using the `<link>`.
`<link rel="stylesheet" href="style.css">`
- 4) CSS Framework
Using libraries like Bootstrap, Tailwind, CSS, or Foundation that provides predefined styles.

Ans 6


```

Ans 5: <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<style>
body {
  font-family: Arial, sans-serif;
  background-color: #F4F4F4;
  margin: 0;
  padding: 20px;
}
.container {
  max-width: 600px;
  margin: 0 auto;
  padding: 20px;
  background-color: #FFF;
  box-shadow: 0 2px 10px rgba(0,0,0,0.1);
  border-radius: 8px;
}
h2 {
  text-align: center;
}
form div {
  margin-bottom: 15px;
}
table {
  display: block;
  margin-bottom: 5px;
}
input[type="text"], input[type="Email"], input[type="date"],
input[type="tel"], select, textarea {
  width: 100%;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
}

```

```

input[type="Submit"] {
  background-color: #2c8a745;
  color: white;
  border: none;
  padding: 10px 20px;
  cursor: pointer;
  font-size: 16px;
  border-radius: 4px;
}

```

```

input[type="Submit"] :hover {
  background-color: #218838;
}

```

```

.error {
  color: red;
  font-size: 14px;
}

```

```

</style>
</head>
<body>

```

```

<div class="Container">
  <h2> Employee Bio-data Form </h2>
  <form id="bioDataForm" onsubmit="return validateForm()">
    <div>
      <label for="name"> Full Name </label>
      <input type="text" id="name" name="name" placeholder="Enter Full name">
      <span class="Error" id="nameError"> </span>
    </div>

```

```

  <div>
    <label for="Email"> Email </label>
    <input type="Email" id="Email" name="Email" placeholder="Enter Email address">
    <span class="Error" id="EmailError"> </span>
  </div>

```

} Similar Components

```

</div>
<label for="department"> Department </label>
<select id="department" name="department">
  <option value=""> Select a department </option>
  { Similar options }

```

```

</div>

```

```

<div>
  <label for="address"> Address </label>
  <textarea id="address" name="address" rows="4"
    placeholder="Enter full address"> </textarea>
  <span class="error" id="addressError"> </span>

```

```

</div>

```

```

<div>
  <input type="submit" value="Submit">

```

```

</div>

```

```

</form>

```

```

</div>

```

```

<script>

```

```

  function validateform() {
    let isValid = true;
    document.getElementById("nameError").innerHTML

```

```

    const name = document.getElementById("name").value.trim()

```

```

    if (name === "") {
      document.getElementById("nameError").innerHTML = "Name is
      required."
      isValid = false;
    }

```

```

  }

```

```
Const EmailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
```

```
if (!EmailPattern.test(Email)) {  
    document.getElementById("EmailError").innerHTML = "Please  
    enter a valid Email address";  
    isValid = false;  
}
```

```
}
```

```
if (dob >= "") {
```

```
    document  
    isValid = false;
```

```
}
```

```
Const phonePattern = /^\d{10}$/;
```

```
if (!phonePattern.test(phone)) {
```

```
    document . . . . .
```

```
    isValid = false;
```

```
}
```

} similar for department & address

```
return isValid;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

