

## CODING

### HTML:

#### For module-1:

```
<!doctype html>
  <!DOCTYPE html>
  <html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>AHRMS</title>
    <link rel="stylesheet" href="sepmopen.css">
    <script src="https://kit.fontawesome.com/c5a222954a.js"
crossorigin="anonymous"></script>
  </head>
  <body>
    <div class="signin"><a href="sepm.htm">Signin</a></div>
    <div class="search">
      <form>
        <input type="search" id="search" name="search" placeholder="search">
      </form>
    </div>
    <div class="seasym"><i class="fa-solid fa-magnifying-
glass"></i></div>
    <div class="head">AHRMS</div>
    <div class="base">This Appliation is designed to monitor heart patients or
any people who need to measure the heart rate. It automatically sends an
emergencycall/message in case of an abnormal heart reading.</div>
    <div class="signup">New To This lets <a href="sepm0.htm">Signup?</a>
  </body>
</html>
```

#### For Module-2:

```
<link rel="stylesheet" href="sepm0.css">
<link href="https://fonts.googleapis.com/css?family=Bebas+Neue" rel="stylesheet">
<title>AHRMS</title>
<div class="container">
  <header class="header">
    <h1 id="title" class="text-center">Registration</h1>
  </header>
  <form id="survey-form">
    <div class="form-group">
      <label id="name-label" for="name">Name</label>
      <input
        type="text"
        name="name"
        id="name"
        class="form-control">
```

```

    placeholder="Enter your name"
    required
  />
</div>
<div class="form-group">
  <label id="email-label" for="email">Email</label>
  <input
    type="email"
    name="email"
    id="email"
    class="form-control"
    placeholder="Enter your Email"
    required
  />
  <div class="form2">
    <label id="Gender-label" for="gender">Gender</label>
    <input
      type="gender"
      name="gender"
      id="gender"
      class="form-control"
      placeholder="Enter your Gender(M/F/O)"
      required
    />
  </div>
</div>
<div class="form-group">
  <label id="number-label" for="number"
    >Age<span class="clue">(optional)</span></label>
  >
  <input
    type="number"
    name="age"
    id="number"
    min="10"
    max="99"
    class="form-control"
    placeholder="Age"
  />
</div>
<div class="form-group">
  <label for="city"><i class="address-label"></i> City</label>
  <input type="text" class="form-control" name="Address"
placeholder="No.1 ABC Street, Delhi, India">
</div>
<div class="form-group">
  <p>Would you recommend this watch to a friend?</p>
  <label>
    <input
      name="user-recommend"

```

```

        value="definitely"
        type="radio"
        class="input-radio"
        checked
    />Definitely</label>
</label>
    <input
        name="user-recommend"
        value="maybe"
        type="radio"
        class="input-radio"
    />Maybe</label>
>

<label
    ><input
        name="user-recommend"
        value="not-sure"
        type="radio"
        class="input-radio"
    />Not sure</label>
>
</div>

<div class="form-group">
    <p>Any comments or suggestions?</p>
    <textarea
        id="comments"
        class="input-textarea"
        name="comment"
        placeholder="Enter your comment here..."
    ></textarea>
</div>

<div class="form-group">
    <button type="submit" id="submit" class="submit-button">
        <a href="sepm.htm">Submit</a>
    </button>
</div>
</form>
</div>

```

For module-3:

```

<!doctype html>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

```

```

<title>AHRMS</title>
<link rel="stylesheet" href="sepm.css">
</head>
<body>
  <form>
    <div class="age">
      <label for="age">Age</label>
      <br><input type="age" name="age" id="age">
    </div>
    <div class="rate1">
      <label for="rate1">Heart Rate 1</label>
      <br><input type="number" name="rate1" id="rate1">
    </div>
    <div class="rate2">
      <label for="rate2">Heart Rate 2</label>
      <br><input type="number" name="rate2" id="rate2">
    </div>
    <div class="rate3">
      <label for="rate3">Heart Rate 3</label>
      <br><input type="number" name="rate3" id="rate3">
    </div>
    <div class="rate4">
      <label for="rate4">Heart Rate 4</label>
      <br><input type="number" name="rate4" id="rate4">
    </div>
    <div class="eno">
      <label for="emer">Emergency Number</label>
      <br><input type="number" name="emer" id="enumber">
    </div>
  </form>
  <button onclick="reading()">GET THE REPORT</button>
  <div class="pri">
    <p id="print"></p>
  </div>
  <script src="sepm.js"></script>
</body>
</html>

```

## Css code:

For module-1:

```

body{
  background-image: url("https://images.pexels.com/photos/1408218/pexels-
photo-1408218.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2");
  color: whitesmoke;
}
.signin{
  font-size: 20px;
  float: right;
  margin-right: 8px;
  margin-top: -190px;
}

```

```

.search{
    float: right;
    margin-top: -189px;
    margin-right: 90px;
}
.seasym{
    float: right;
    color: white;
    margin-top: -190px;
    margin-right: 70px;
}
.head{
    font-style: bold;
    text-align: center;
    font-size: 40px;
    margin-top: 210px;
}
.base{
    font-size: 18px;
    text-align: center;
    width: 50%;
    height: 50%;
    margin-left: 330px;
}
.signup{
    font-size: 18px;
    text-align: center;
    margin-top: 220px;
}
a {
    color: #c84d3a;
    text-decoration: none;
}

```

For module-2:

```

*,
*::before,
*::after {
    box-sizing: border-box;
}

body {
    font-family: 'Poppins', sans-serif;font-
    size: 1rem;
    font-weight: 400;
    line-height: 1.4;
    color: #ffffff;
    margin: 0;
}

```

```

}
body::before {
  content: '';
  position: fixed;
  top: 0;
  left: 0;
  height: 100%;
  width: 100%;
  z-index: -1;
  background: #48416c;
  background-image: url("https://images.pexels.com/photos/1408218/pexels-photo-1408218.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2");
}

h1 {
  font-family: 'Bebas Neue';
  font-size: 80px;
  font-weight: 400;
  line-height: 1.2;
}

p {
  font-size: 1.125rem;
}

h1,
p {
  margin-top: 0;
  margin-bottom: 0.5rem;
}

label { display:
  flex;
  align-items: center; font-
  size: 1.125rem; margin-
  bottom: 0.5rem;
}

input, button,
select,
textarea {
  margin: 0;
  font-family: inherit;
  font-size: inherit;
  line-height: inherit;
}

button { border:
  none;

```

```

}

.container {
  width: 100%;
  margin: 3.125rem auto 0 auto;
}

@media (min-width: 576px) {
  .container {
    max-width: 540px;
  }
}

@media (min-width: 768px) {
  .container {
    max-width: 720px;
  }
}

.header {
  padding: 0 0.625rem;
  margin-bottom: 1.875rem;
}

.description { font-
  style: italic;
  font-weight: 200;
  text-shadow: 1px 1px 1px rgba(0, 0, 0, 0.4);
}

.clue {
  margin-left: 0.25rem;
  font-size: 0.9rem;
  color: #e4e4e4;
}

.text-center {
  text-align: center;
}

form {
  background: #ba6b57;
  padding: 2.5rem 0.625rem;
  border-radius: 0.25rem;
}

@media (min-width: 480px) {
  form {
    padding: 2.5rem;
  }
}

```

```

}

.form-group {
  margin: 0 auto 1.25rem auto;
  padding: 0.25rem;
}

.form-control {
  display: block;
  width: 100%;
  height: 2.375rem;
  padding: 0.375rem 0.75rem;
  color: #495057; background-
  color: #fff;
  background-clip: padding-box;
  border: 1px solid #ced4da;
  border-radius: 0.25rem;
  transition: border-color 0.15s ease-in-out, box-shadow 0.15s ease-in-out;
}
.form2{
  margin-top: 20px;
}
.form-control:focus {
  border-color: #80bdff;
  outline: 0;
  box-shadow: 0 0 0 0.2rem rgba(0, 123, 255, 0.25);
}

.input-radio,
.input-checkbox { display:
  inline-block; margin-right:
  0.625rem; min-height:
  1.25rem; min-width:
  1.25rem;
}

.input-textarea {
  min-height: 120px;
  width: 100%;
  padding: 0.625rem;
  resize: vertical;
}

.submit-button {
  display: block;
  width: 100%;
  padding: 0.75rem;
  background: #743a34;
  color: inherit;
  border-radius: 2px;

```



```

    cursor: pointer;
}
a{
    color: whitesmoke; text-
    decoration: none;
}

```

For module-3:

```

body{
    background-image: url("https://images.pexels.com/photos/1408218/pexels-
photo-1408218.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2");
    margin: auto;
    font-size: 18px;
    margin-top: 30px;
    color: white;
}
button{
    background-color: #ba6b57;
    margin: 60px;
    margin-left: 595px;
    width: 100px;
    color: #100100;
}
.age{
    margin-top: 10px;
    text-align: center;
}
.rate1{
    margin-top: 10px;
    margin-left: 260px;
}
.rate2{
    margin-top: -43px;
    margin-left: 460px;
}
.rate3{
    margin-top: -43px;
    margin-left: 660px;
}
.rate4{
    margin-top: -43px;
    margin-left: 860px;
}
.eno{
    margin-top: 20px;
    text-align: center;
}
form {
    background: blur

```

```
padding: 0.3rem 0.635rem;
}
.pri{
    text-align: center;
}
```

## JAVASCRIPT:

```
function reading(){
    age=    parseInt(document.getElementById("age").value);
    r1=    parseInt(document.getElementById("rate1").value);
    r2=    parseInt(document.getElementById("rate2").value);
    r3=    parseInt(document.getElementById("rate3").value);
    r4=    parseInt(document.getElementById("rate4").value);
    emer= parseInt(document.getElementById("enumber").value);
    avg= (r1 + r2 + r3 + r4)/4;
    maxHR = 220 - age;
    if(age>=12 && age<=19){
        if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
            print="Predicted Maximum HR: 200"+
            "<br>Predicted Lowest HR:60"
            +"<br>calling emergency numbers:"+emer;
        }
        else{
            print="your average heart rate:"+avg
            +"<br>Check your heart rate time to time and maintain good
diet";
        }
    }
    if(age>20 && age<=25){
        if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
            print="Predicted Maximum HR: 200"+
            "<br>Predicted Lowest HR:60"
            +"<br>calling emergency numbers:"+emer;
        }
        else{
            if(avg>maxHR || avg < 60){
                print="Target Heart Rate (HR) Zone (60-85%): ** 120 – 170"
                +"<br>Predicted Maximum HR: 200"
                +"<br>your average heart rate:"+avg
                +"<br>calling emergency numbers:"+emer;
            }
            else if(avg>120 && avg<170){
                print="Target Heart Rate (HR) Zone (60-85%): ** 120 – 170"
                +"<br>Predicted Maximum HR: 200"
                +"<br>your average heart rate:"+avg
                +"<br>Keep moving on. . . ";
            }
            else if(avg>170 && avg<200){
```

```

        print="Target Heart Rate (HR) Zone (60-85%): ** 120-170"
        + "<br>Predicted Maximum HR: 200"
        + "<br>your average heart rate:" + avg
        + "<br>Check your heart rate time to time and maintain good
diet";
    }
    else{
        print="Target Heart Rate (HR) Zone (60-85%): ** 120 – 170"
        + "<br>Predicted Maximum HR: 200"
        + "<br>your average heart rate:" + avg
        + "<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
    }
}
}
if(age>26 && age<=30){
    if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
        print="Predicted Maximum HR: 200"+
        "<br>Predicted Lowest HR:60"
        + "<br>calling emergency numbers:" + emer;
    }
    else{
        if(avg>maxHR || avg < 60){
            print="Target Heart Rate (HR) Zone (60-85%): 117-166"
            + "<br>Predicted Maximum HR: 195"
            + "<br>your average heart rate:" + avg
            + "<br>calling emergency numbers:" + emer;
        }
        else if(avg>117 && avg<166){
            print="Target Heart Rate (HR) Zone (60-85%): 117-166"
            + "<br>Predicted Maximum HR: 195"
            + "<br>your average heart rate:" + avg
            + "<br>Keep moving on. . . ";
        }
        else if(avg>166 && avg<195){
            print="Target Heart Rate (HR) Zone (60-85%): 117-166"
            + "<br>Predicted Maximum HR: 195"
            + "<br>your average heart rate:" + avg
            + "<br>Check your heart rate time to time and maintain good
diet";
        }
        else{
            print="Target Heart Rate (HR) Zone (60-85%): 117-166"
            + "<br>Predicted Maximum HR: 195"
            + "<br>your average heart rate:" + avg
            + "<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
        }
    }
}
}

```

```

if(age>31 && age<=40){
    if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
        print="Predicted Maximum HR: 200"+
        "<br>Predicted Lowest HR:60"
        +"<br>calling emergency numbers:"+emer;
    }
    else{
        if(avg>maxHR || avg < 60){
            print="Target Heart Rate (HR) Zone (60-85%): 108-153"
            +"<br>Predicted Maximum HR: 180"
            +"<br>your average heart rate:"+avg
            +"<br>calling emergency numbers:"+emer;
        }
        else if(avg>108 && avg<153){
            print="Target Heart Rate (HR) Zone (60-85%): 108-153"
            +"<br>Predicted Maximum HR: 180"
            +"<br>your average heart rate:"+avg
            +"<br>Keep moving on. . . ";
        }
        else if(avg>153 && avg<180){
            print="Target Heart Rate (HR) Zone (60-85%): 108-153"
            +"<br>Predicted Maximum HR: 180"
            +"<br>your average heart rate:"+avg
            +"<br>Check your heart rate time to time and maintain good
diet";
        }
        else{
            print="Target Heart Rate (HR) Zone (60-85%): 108-153"
            +"<br>Predicted Maximum HR: 180"
            +"<br>your average heart rate:"+avg
            +"<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
        }
    }
}
}
if(age>41 && age<=50){
    if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
        print="Predicted Maximum HR: 200"+
        "<br>Predicted Lowest HR:60"
        +"<br>calling emergency numbers:"+emer;
    }
    else{
        if(avg>maxHR || avg < 60){
            print="Target Heart Rate (HR) Zone (60-85%): 102-145"
            +"<br>Predicted Maximum HR: 170"
            +"<br>your average heart rate:"+avg
            +"<br>calling emergency numbers:"+emer;
        }
        else if(avg>102 && avg<145){
            print="Target Heart Rate (HR) Zone (60-85%): 102-145"

```

```

        + "<br>Predicted Maximum HR: 170"
        + "<br>your average heart rate:" + avg
        + "<br>Keep moving on. . . ";
    }
    else if (avg > 145 && avg < 170) {
        print = "Target Heart Rate (HR) Zone (60-85%): 102-145"
        + "<br>Predicted Maximum HR: 170"
        + "<br>your average heart rate:" + avg
        + "<br>Check your heart rate time to time and maintain good
diet";
    }
    else {
        print = "Target Heart Rate (HR) Zone (60-85%): 102-145"
        + "<br>Predicted Maximum HR: 170"
        + "<br>your average heart rate:" + avg
        + "<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
    }
}
}
if (age > 51 && age <= 60) {
    if (r1 < 60 || r1 > 200 || r2 < 60 || r2 > 200 || r3 < 60 || r3 > 200 || r4 < 60 || r4 > 200) {
        print = "Predicted Maximum HR: 200" +
        "<br>Predicted Lowest HR: 60"
        + "<br>calling emergency numbers:" + emer;
    }
    else {
        if (avg > maxHR || avg < 60) {
            print = "Target Heart Rate (HR) Zone (60-85%): 96-136"
            + "<br>Predicted Maximum HR: 160"
            + "<br>your average heart rate:" + avg
            + "<br>calling emergency numbers:" + emer;
        }
        else if (avg > 96 && avg < 136) {
            print = "Target Heart Rate (HR) Zone (60-85%): 96-136"
            + "<br>Predicted Maximum HR: 160"
            + "<br>your average heart rate:" + avg
            + "<br>Keep moving on. . . ";
        }
        else if (avg > 137 && avg < 160) {
            print = "Target Heart Rate (HR) Zone (60-85%): 96-136"
            + "<br>Predicted Maximum HR: 160"
            + "<br>your average heart rate:" + avg
            + "<br>Check your heart rate time to time and maintain good
diet";
        }
        else {
            print = "Target Heart Rate (HR) Zone (60-85%): 96-136"
            + "<br>Predicted Maximum HR: 160"
            + "<br>your average heart rate:" + avg

```

```

        + "<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
    }
}
}
if(age>61 && age<=70){
    if(r1<60||r1>200||r2<60||r2>200||r3<60||r3>200||r4<60||r4>200){
        print="Predicted Maximum HR: 200"+
        "<br>Predicted Lowest HR:60"
        + "<br>calling emergency numbers:"+emer;
    }
    else{
        if(avg>maxHR || avg < 60){
            print="Target Heart Rate (HR) Zone (60-85%): 90-128"
            + "<br>Predicted Maximum HR: 150"
            + "<br>your average heart rate:"+avg
            + "<br>calling emergency numbers:"+emer;
        }
        else if(avg>90 && avg<128){
            print="Target Heart Rate (HR) Zone (60-85%): 90-128"
            + "<br>Predicted Maximum HR: 150"
            + "<br>your average heart rate:"+avg
            + "<br>Keep moving on. . . ";
        }
        else if(avg>129 && avg<150){
            print="Target Heart Rate (HR) Zone (60-85%): 90-128"
            + "<br>Predicted Maximum HR: 150"
            + "<br>your average heart rate:"+avg
            + "<br>Check your heart rate time to time and maintain good
diet";
        }
        else{
            print="Target Heart Rate (HR) Zone (60-85%): 90-128"
            + "<br>Predicted Maximum HR: 150"
            + "<br>your average heart rate:"+avg
            + "<br>You need to start an exercise program, you may need
to slowly build up to your target heart rate zone";
        }
    }
}
document.getElementById("print").innerHTML = print;
}

```