```
SUBA S
21BIT0696
TASK-2
MERN FULL STACK
BOOTSTRAP
Task1bs
<html><head><title>task1bs</title>
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  </head>
  <body>
  <h1 class="bg-info text-center text-success">Ethnus layout</h1>
  <nav class="navbar bg-secondary">
  <div class="nav">
  <a href="#a" class=" nav-link text-white">HOME</a>
  <a href="#a" class="nav-link text-white">MENU</a>
  <a href="#a" class="nav-link text-white">ABOUT</a>
  <a href="#a" class="nav-link text-white">CONTACT</a></div>
  <div class="nav">
  <a href="#a" class="nav-link text-white">SIGNUP</a>
  <a href="#a" class="nav-link text-white">LOGIN</a>
  </div>
  </nav>
  <div class="row">
  <div class="col-8 h-100 text-center">Write your comment here</div>
  <div class="col-4 bg-dark text-center" style="height:1000px">This is</div>
```

```
</div>
  </body></html>
Task2bs
<html><head><title>task2bs</title>
k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
<link href="https://netdna.bootstrapcdn.com/twitter-bootstrap/2.3.2/css/bootstrap-combined.no-</pre>
icons.min.css rel="stylesheet">
k href="https://netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css"
rel="stylesheet">
<style>
.im{
background-image:url('https://cdn.pixabay.com/photo/2019/02/06/16/32/architect-
3979490_640.jpg');
 background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: cover;
 background-color: grey;
background-blend-mode: multiply;
}
</style>
</head>
 <body>
 <div class="bg-warning">
 <div class="row">
 <div class="col-3"><h1>Builderz</h1></div>
```

```
<div class="col-3"><i class="fa-light fa-calendar-clock"></i>Opening hour</br>hor-fri 2:00-4:00</div>
<div class="col-3">call us</br>+012 346 6796</div>
<div class="col-3">Email us</br>support@gmail.com</div>
</div>
<nav class="navbar bg-dark mx-auto w-75">
<div class="nav text-white">
<a href="#a" class=" nav-link text-white">HOME</a>
<a href="#a" class="nav-link text-white">ABOUT</a>
<a href="#a" class="nav-link text-white">SERVICE</a>
<a href="#a" class="nav-link text-white">TEAM</a>
<a href="#a" class="nav-link text-white">PROJECT</a>
<select class="bg-dark text-white">
 <option selected>PACKS</option>
 <option value="1">One</option>
 <option value="2">Two</option>
 <option value="3">Three</option>
</select>
<a href="#a" class="nav-link text-white">CONTACT</a></div>
<div class="nav ms-auto" style="margin-right:30px">
<button type="button" class="btn btn-outline-light text-white">Get A Quote</button>
</div>
</nav>
</div>
<div class="w-100 h-75 im text-center text-white"></br></br></br></br>
We are professional
<h1>For Your Dream Project</h1>
<button type="button" class="btn btn-outline-light text-white">Get A Quote</button>
</div>
<div class="row bg-dark text-warning">
```

```
<div class="col-4"><span></span>Expert worker</br>Loreum ipsum dokor sit amet</br>
 alit. phasus nec pretim amagre vesit nan.</div>
 <div class="col-4 bg-warning text-dark">Quality work </br>Loreum ipsum dokor sit amet</br>
alit. phasus nec pretim amagre vesit nan.</div>
<div class="col-4">24/7 support</br>Loreum ipsum dokor sit amet</br>
alit. phasus nec pretim amagre vesit nan.</div>
</div>
</body>
</html>
Task3bs
<html><head><title>task3bs</title>
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  </head>
  <body>
  <nav class="navbar">
  <div class="navbar-brand">
  <a href="#a" class="nav-link text-dark">company name</a></div>
  <div class="nav">
  <a href="#a" class="nav-link text-dark">Feature</a>
  <a href="#a" class="nav-link text-dark">Enterprice</a>
  <a href="#a" class="nav-link text-dark">Support</a>
```

```
<a href="#a" class="nav-link text-dark">Pricing</a>
  <button class="btn btn-outline-info nav-link" type="submit">Search</button>
  </div>
  </nav>
  <div class="text-center"><h1>Pricing</h1></br>Quickly build an effective pricing table for your
potential customers with this</br>Bootstrap example it's built with default bootstrap components
  and utilities</br>with little customization.</div>
  <div class="row">
  <div class="col-2"></div>
  <div class="card col-2">
   <div class="card-header text-center bg-secondary">
    Free
   </div>
   <div class="card-body">
    <h2 class="card-title text-center"><b>$0</b>/mo</h2>
    10 users included 2gb of storage email support help center
access
    <a href="#" class="btn btn-outline-primary ">Signup for free</a>
  </div>
  </div>
  <div class="col-1"></div>
  <div class="card col-2">
  <div class="card-header text-center bg-secondary">
    Pro
   </div>
   <div class="card-body">
    <h2 class="card-title text-center"><b>$15</b>/mo</h2>
    20 users included 10gb of storage priority email support Help
center access
```

```
<a href="#" class="btn btn-primary">Get started</a>
   </div>
  </div>
  <div class="col-1"></div>
  <div class="card col-2">
  <div class="card-header text-center bg-secondary">
    Enterprise
   </div>
   <div class="card-body">
   <h2 class="card-title text-center"><b>$29</b>/mo</h2>
    30users included 15gb storage phone and email support Help
center access
    <a href="#" class="btn btn-primary">contact us</a>
  </div>
  </div>
  </div>
  <div></br></div>
  <div class="row">
  <div class="col-3"></div>
  <div class="card col-3">
   <div class="card-body">
    ul type="none">
  <b>Features</b>
  Coal stuff
  Random feature
  Team feature
  </div>
  </div>
```

```
<div class="card col-3">
  <div class="card-body">
   <b>Resources</b>
 Resource
 Resource name
 Another Resource
  </div>
 </div>
 <div class="card col-3">
  <div class="card-body">
   <b>About</b>
 Team
 Locations
 Privacy
  </div>
 </div>
Task4bs
<html><head><title>task4bs</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"</pre>
rel="stylesheet">
<style>
 .ho:hover{
```

```
height:500px;
</style>
</head>
<body>
<div class="row">
 <div class="col-2 card">
<div class="card-header bg-primary bg-gradient ho" style="height:190px">
class="text-white">MATERIAL CARDS</div>
<div class="card-header">cards for display in</pr>portfolio styleportfolio style
google.</br></div>
 <div class="card-body"><a href="" class="text-warning">LINK</a><a href="" style="margin-left:50px"
class="text-warning">LINK</a></br></br></br></br>
</div>
<div class="col-1"></div>
<div class="col-2 card">
 <div class="card-header bg-primary bg-gradient" style="height:190px">
class="text-white">MATERIAL CARDS</div>
<div class="card-header">cards for display in</pr>portfolio styleportfolio style
google.</br></div>
<div class="card-body"><a href="" class="text-warning">LINK</a><a href="" style="margin-left:50px"
class="text-warning">LINK</a></br></br></br></br>
</div>
 <div class="col-1"></div>
 <div class="col-2 card">
<div class="card-header bg-primary bg-gradient" style="height:190px">
class="text-white">MATERIAL CARDS</div>
 <div class="card-header">cards for display inportfolio stylematerial designed by
google.</br></div>
```

```
<div class="card-body"><a href="" class="text-warning">LINK</a><a href="" style="margin-left:50px"
class="text-warning">LINK</a></br></br></br></br>
</div>
<div class="col-1"></div>
<div class="col-2 card">
 <div class="card-header bg-primary bg-gradient" style="height:190px">
class="text-white">MATERIAL CARDS</div>
<div class="card-header">cards for display in/br>portfolio style/br>material designed by
google.</br></div>
<div class="card-body"><a href="" class="text-warning">LINK</a><a href="" style="margin-left:50px"</pre>
class="text-warning">LINK</a></br></br></br></br>
</div>
<div class="col-1"></div>
</div>
</body>
</html>
Task5bs
<html>
<head><title>task5bs</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">
<script src="https://kit.fontawesome.com/043ab04876.js" crossorigin="anonymous"></script>
<style>
input{
border-color:white;
}</style>
</head>
```

```
<body style="background-color:rgb(211,211,211)">
<div style="margin-left:360px">
<form onsubmit="return validate()">
First Name:si class="fa-solid fa-user" style="height:30px;width:30px;margin-
top:10px"></i>
<input type="text" name="fname" placeholder="First name" id="fn"><span
style="height:30px;width:30px;margin-top:10px;background-color:white" id="s1"></span>
</br>
Last Name:<id><id>s-i class="fa-solid fa-user" style="height:30px;width:30px;margin-
top:10px"></i>
<input type="text" name="lname" placeholder="Last name" id="ln"><span
style="height:30px;width:30px;margin-top:10px;background-color:white" id="s2"></span>
</br>
Email:<i class="fa-solid fa-envelope" style="height:30px;width:30px;margin-
top:10px"></i>
<input type="text" name="email" placeholder="your email" id="em"><span
style="height:30px;width:30px;margin-top:10px;background-color:white" id="s3"></span>
</br>
Phone number:i class="fa-solid fa-phone"
style="height:30px;width:30px;margin-top:10px"></i>
<input type="text" name="mob" placeholder="+91 9876543467"id="mob"><span
style="height:30px;width:30px;margin-top:10px;background-color:white" id="s4"></span>
</br>
Address:i class="fa-solid fa-house" style="height:30px;width:30px;margin-
top:10px"></i>
<input type="text" name="add" placeholder="address" id="add"><span
style="height:30px;width:30px;margin-top:10px;background-color:white" id="s5"></span>
</br>
City:i class="fa-solid fa-house" style="height:30px;width:30px;margin-
top:10px"></i>
<input type="text" name="cit" placeholder="city" id="cit"><span style="height:30px;width:30px;margin-</pre>
top:10px;background-color:white" id="s6"></span>
```

```
</br>
State:<i class="fa-solid fa-bars" style="height:30px;width:30px;margin-
top:10px"></i><select name="stat"><option value="" disabled selected>select your state</option>
<option value="tamil">TamilNadu</option>
</select>
Do you hava hosting?:input type="radio" value="yes"
name="host">Yes
<input type="radio" value="no" name="host">No
Project description<i class="fa-solid fa-pencil" style="height:40px;width:40px;margin-
top:10px"></i><textarea cols="30" row="4" name="about" id="pro" placeholder="Project
description"></textarea>
<div style="width:80px;margin-left:160px" class=" bg-
warning"><input type="submit" value="send" style="border-color:orange" class=" bg-warning text-
white"><i class="fa-solid fa-rocket" style="height:20px;width:20px;margin-
top:10px"></i></div>
</form>
</div>
<script>
function validate(){
let fn=document.getElementById('fn').value;
let In=document.getElementById('In').value;
let em=document.getElementById('em').value;
let mob=document.getElementById('mob').value;
let ad=document.getElementById('add').value;
let cit=document.getElementById('cit').value;
if(fn=="" || In=="" || em=="" || mob=="" || ad=="" || cit==""){
document.getElementById('s1').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t1').innerHTML="please supply your first name";
document.getElementById('f1').style.color="red";
```

```
document.getElementById('s2').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t2').innerHTML="please supply your last name";
document.getElementById('f2').style.color="red";
document.getElementById('s3').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t3').innerHTML="please supply your email";
document.getElementById('f3').style.color="red";
document.getElementById('s4').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t4').innerHTML="please supply your phone number";
document.getElementById('f4').style.color="red";
document.getElementById('s5').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t5').innerHTML="please supply your address";
document.getElementById('f5').style.color="red";
document.getElementById('s6').innerHTML="<i class='fa-solid fa-x'></i>";
document.getElementById('t6').innerHTML="please supply your city";
document.getElementById('f6').style.color="red";
return false;
return true;
</script>
</body>
</html>
```

Task6bs

```
<html><head><title>task6bs</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"</pre>
rel="stylesheet">
  </head>
  <body ">
  <div style="margin-left:50px;background-color:rgb(212,212,212);width:600px">
  <form class="g-3 needs-validation" style="width:600px" novalidate>
   <div class="w-75">
    <label for="validationCustom01" class="form-label">Name</label>
    <input type="text" class="form-control" id="validationCustom01" required>
    <div class="invalid-feedback">
     Name is required
    </div>
   </div>
   <div class="w-75">
    <label for="validationCustom02" class="form-label">Email</label>
    <input type="text" class="form-control" id="validationCustom02" required>
    <div class="invalid-feedback">
     Email is required
    </div>
   </div>
   <div class="w-75">
    <label for="validationCustomUsername" class="form-label">Password</label>
    <div class="input-group has-validation">
  <span class="input-group-text" id="inputGroupPrepend"></span>
     <input type="password" class="form-control" id="validationCustomUsername" aria-
describedby="inputGroupPrepend" required>
     <div class="invalid-feedback">
```

```
Password is required
   </div>
  </div>
 </div>
 <div class="w-75">
  <label for="validationCustomUsername1" class="form-label">Hobbies</label>
  <div class="">
   <input type="number" class="form-control" id="validationCustomUsername1">
  </div>
 </div></br>
 <div class="">
  <button class="btn btn-danger w-75 text-center" type="submit">Submit</button>
 </div>
</form>
</div>
<script>
// Example starter JavaScript for disabling form submissions if there are invalid fields
(function () {
 'use strict'
 // Fetch all the forms we want to apply custom Bootstrap validation styles to
 var forms = document.querySelectorAll('.needs-validation')
 // Loop over them and prevent submission
 Array.prototype.slice.call(forms)
  .forEach(function (form) {
   form.addEventListener('submit', function (event) {
```

```
if (!form.checkValidity()) {
       event.preventDefault()
       event.stopPropagation()
      }
     form.classList.add('was-validated')
    }, false)
   })
  })()
  </script>
  </body>
  </html>
JAVASCRIPT
Task1js
<!DOCTYPE html>
<html>
<head>
<title>task1js</title>
</head>
<body>
 Write a JavaScript function that reverse a number.
   <br>
  Sample Data and output:
```

```
  Example x:&nbsp<input type="text" id="num">
<button type="submit" onclick="cal()">Reverse </button>
  Expected output:
<script>
function cal(){
let a=document.getElementById("num").value;
function reverseString(str) {
 return str.split("").reverse().join("");
}
let b=reverseString(a);
document.getElementById("output").innerHTML=b;
}
</script>
</body>
</html>
Task2js
<!DOCTYPE html>
<html>
<head>
<title>task2js</title>
</head>
<body>
```

```
Write a JavaScript function that returns a passed string with letter in <br/>br>
      alphabetical order.
  &nbsp Example string:&nbsp<input type="text" id="num">
<button type="submit" onclick="cal()">Alphabetic Order </button>
Expected output:
<script>
function cal(){
let a=document.getElementById("num").value;
function alpha(str) {
  var arr = str.split("");
  res = arr.sort().join("");
  return res;
let b=alpha(a);
 document.getElementById("output").innerHTML=b;
}
</script>
</body>
</html>
Task3js
<!DOCTYPE html>
<html>
```

```
<head>
 <title>task3js</title>
</head>
<body>
 >
  Write a JavaScript program to calculate multiplication and division of
    two numbers(input from user)
  Sample Form:
  <center>
 1st Number:<input type="number" id="x" ></br></br>
 2nd Number:<input type="number" id="y"></br></br>
 <button onclick="f3()">Multiply</button>
 <button onclick="f4()">Division/button>
 The Result Is:
 <script>
   function f1()
     var a=+(document.getElementById("x").value);
     var b=+(document.getElementById("y").value);
     document.getElementById("re").innerHTML=(a+b);
   }
   function f2()
   {
     let a=document.getElementById("x").value;
     let b=document.getElementById("y").value;
     document.getElementById("re").innerHTML=(a-b);
   function f3()
```

```
{
       let a=document.getElementById("x").value;
       let b=document.getElementById("y").value;
       document.getElementById("re").innerHTML=(a*b);
     }
     function f4()
     {
       let a=document.getElementById("x").value;
       let b=document.getElementById("y").value;
       document.getElementById("re").innerHTML=(a/b);
     }
    </script>
    </center>
  </body>
</html>
Task4js
<!DOCTYPE html>
<html>
  <head>
    <title>task4js</title>
  </head>
  <body>
    <button onclick="date()">Show Date</button></br>
    <button onclick="time()">Show Time</button>
```

```
<script>
      function time()
        const d=new Date();
        document.getElementById("tim").innerHTML=d;
      }
      function date()
      {
        const d= new Date();
        var dateformat=d.getDate() + "/"+ d.getMonth() + "/"+ d.getFullYear();
        document.getElementById("dat").innerHTML=dateformat;
      }
    </script>
  </body>
</html>
Task5js
<!DOCTYPE html>
<html>
  <head>
    <title>task5js</title>
    <style>
      input,textarea{
        border-color:red;
      }
```

```
</style>
<script type="text/javascript">
 function validate()
   var name=document.getElementById("name").value;
   var email=document.getElementById("email").value;
   var website=document.getElementById("web").value;
   var message=document.getElementById("msg").value;
   if(name.trim()=="")
   {
     document.getElementById("nameError").textContent="This field is required";
   }
   function validateEmail(email) {
      var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      return emailPattern.test(email);
    }
    if (!validateEmail(email)) {
      document.getElementById("emailError").textContent = "A valid email address is required";
    }
    if(website.trim()=="")
      document.getElementById("webError").textContent="A valid url is required";
    if(message.trim()=="")
```

```
document.getElementById("messageError").textContent="This field is required";
    }
   }
 </script>
</head>
<body>
 <form onsubmit="return(validate())" action="#">
   Name:
      <input type="text" id="name">
      <span id="nameError" style="color:red;"></span>
    Email:
      <input type="email" id="email">
      <span id="emailError" style="color:red;"></span>
    Website:
      <input type="text" id="web">
      <span id="webError" style="color:red;"></span>
    Message:
      <textarea id="msg" rows="6" cols="23"></textarea>
      <span id="messageError" style="color:red;"></span>
```

```
<button onclick="validate()" type="submit">Submit</button>
        </form>
  </body>
</html>
Task6js
<html>
<head>
<title>Task6js</title>
<script src="https://kit.fontawesome.com/043ab04876.js" crossorigin="anonymous"></script>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<div style="margin-left:450px;margin-top:150px;background-color:rgb(212,212,212);width:650px">
<div style="margin-left:140px;text-align:400px;"><h1><i>Instagram</i></h1></div>
<form>
<div class="input-group" style="margin-left:30px;">
<i class="fa-solid fa-user" style="height:30px;width:30px;margin-top:10px" ></i>
<input type="text" placeholder="Username" style="width:450px;" id="usr" required>
</div></br>
<div class="input-group" style="margin-left:30px;">
```

```
<i class="fa-solid fa-lock" style="height:30px;width:30px;margin-top:10px"></i>
<input type="password" id="pwd" placeholder="Password" style="width:450px;" required>
</div>
</br>
<button class="btn btn-primary text-center text-white" type="submit" style="width:470px;margin-
left:30px;">Log in</button></br>
<input type="checkbox" style="margin-bottom:30px;margin-left:30px;">Remember me
<a href=# style="position:relative;left:300px;">Forgot password</a>
</form>
</div>
Don't have an account!<a href=#> signup here</a>
</body>
</html>
Task7js
<!DOCTYPE html>
<html>
<head>
 <title>task7js</title><style>
#move{
width: 50px;
height: 50px;
position: relative;
}</style></head>
<body>
<div style="position:absolute" id ="move"><img src="download.png" alt="train"></div>
```

```
handle animations</h1>
<button onclick="myMove()">Start</button>
<button onclick="stop()">stop</button>
</center>
<script>
var id = null;
function stop(){
clearInterval(id);
}
var pos=0;
function myMove() {
var elem = document.getElementById("move");
id = setInterval(function(){pos++;
  elem.style.left = pos + 'px';
if(pos>1000){pos=0;}}, 10);
</script>
</body>
</html>
Task8js
<!DOCTYPE html>
<html>
 <head>
   <title>task8js</title>
```

```
<style>
   body{
    background-color: rgb(241, 144, 160);
   }
   #link{
    text-align:end;
   }
 </style>
</head>
<body>
 <center>
 <h1 style="color: blue;">Registration Form</h1>
 <form>
   <label for="fname">First Name:</label> 
    <input type="text" name="fname" size="100" >
    <span id="nameError" style="color:red;">POOR</span>
   <label for="lname">Last Name:</label>
    <input type="text" name="lname" size="100">
    <span id="nameError" style="color:red;">POOR</span>
   <label for="email">Email:</label>
    <input type="email" name="email" size="100">
    <span id="nameError" style="color:red;">POOR</span>
```

```
<label for="pass">Password:</label>
 <input type="password" name="pass" size="100">
 <span id="nameError" style="color:red;">POOR </span>
<label for="repass">Re-enter Password:</label>
 <input type="password" name="repass" size="100">
 <span id="nameError" style="color:red;">POOR or Mismatch</span>
<label for="gender">Gender:</label>
 <input type="radio" name="gender" id="male" value="male">
   <label for="male">Male</label>
<input type="radio" name="gender" id="female" value="female">
   <label for="female">Female</label>
<label for="age">Age:</label>
 <input type="text" name="age" size="100">
 <span id="nameError" style="color:red;">POOR</span>
<label for="phone">Phone Number:</label>
 <input type="text" name="phone" size="100">
 <span id="nameError" style="color:red;">POOR</span>
```

```
<label for="address">Address:</label>
 ="address" id="address" cols="97" rows="7"></textarea>
 <span id="nameError" style="color:red;">POOR</span>
<label for="state">State:</label>
 <input type="text" name="state" size="100">
 <span id="nameError" style="color:red;">POOR</span>
<label for="country">Country:</label>
 <select name="country" id="country">
     <option>choose your country</option>
     <option value="india">India</option>
     <option value="nepal">Nepal</option>
     <option value="pakistan">Pakistan
   </select>
 <label for="language">Language known:</label></t>
 <input type="checkbox" name="english" id="english">
   <label for="english">English</label>
   <input type="checkbox" name="kannada" id="kannada">
   <label for="kannada">Kannada</label>
   <input type="checkbox" name="hindi" id="hindi">
```

```
<label for="hindi">Hindi</label>
        <input type="checkbox" name="telugu" id="telugu">
        <label for="telugu">Telugu</label>
      <input type="checkbox" name="declare" id="declare">
        <label for="">Hereby I declare all the given detals are true</label>
     Log in to <a href="#">Ethunus</a>Website
     <input style="position:absolute" type="submit" value="Register" >
   </form>
 </center>
 </body>
</html>
```