

Task 1:

```
<!DOCTYPE html> // function validateForm() {
<html>                                let name = document.getElementsByName("name")[0].value.trim();
<head>                                if (name === "") {
<title> Task 1 </title>                                alert("Name cannot be empty.");
<script>                                return false;
function validateForm() {                                let words = name.split(" ");
if (words.length < 2) {
                                alert("Name must contain at least two words.");
                                return false;
}
                                alert("Valid Name");
                                return true;
}
</script>
<body>                                <form onsubmit="return validateForm()">
<label>Name: </label><br>
<input type="text" name="name"><br>
<input type="submit" value="Submit">
</form>
</body>
</html>
```

## Task-2:

<script>

function validateEmail() {

let email = document.getElementById("mail").value.trim();

if (email == "") {

    alert("Email cannot be empty");

    return false;

}

let pattern = /^[A-Za-z]+@[A-Za-z]+\.\w+\$/;

if (!pattern.test(email)) {

    alert("Enter a valid email");

    return false;

    alert("Valid email");

    return true;

<form onsubmit="return validateEmail()">

    <label for="mail">Email </label> <br>

    <input type="text" id="mail" /> <span>

sample@example.com

    </span> <br>

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

</form>

<body> <script> </script> </body>

<body>

<body>

<body>

### Task-3

SP - 2017

```

<!DOCTYPE html>                                <html>
<html>
<head>
<title> Task3 </title>                         <!--> (C) 2017 stabilar naitkar
<script>                                         <!--> fixed themes & logo, framework = bootstrap
function validateGender() {                      <!--> function validateGender()
    let gender = document.getElementsByName("gender");  <!--> getElementsByName("gender")
    let selected = false;                            <!--> selected = false
    for (let i = 0; i < gender.length; i++) {        <!--> for (let i = 0; i < gender.length; i++)
        if (gender[i].checked) {                     <!--> if (gender[i].checked)
            selected = true;                        <!--> selected = true
            break;                                  <!--> break; if selected
        }
    }
    if (!selected) {                               <!--> if (!selected)
        alert("please select a gender");          <!--> alert("please select a gender")
        return false;                            <!--> return false
    }
    alert("submitted");                          <!--> if (selected) else if (selected) else if (selected)
    return true;                                <!--> return true
</script>
</head>
<body>
<form onsubmit="return validateGender()">           <!--> <form onsubmit="return validateGender()"
    <fieldset style="width: 200px;">                <!--> <fieldset style="width: 200px;"
        <legend> Gender </legend>                   <!--> <legend> Gender </legend>
        <input type="radio" name="gender"> male      <!--> <input type="radio" name="gender"> male
        <input type="radio" name="gender"> female     <!--> <input type="radio" name="gender"> female
    </fieldset> <br>                         <!--> </fieldset> <br>
    <input type="submit" value="submit" />           <!--> <input type="submit" value="submit" />
</form>
</body>
</html>

```

## Task 4:

Ch 10.11.11 10:00 AM

Unit 3

<Script>

function validateDOB() {

let d = document.getElementById("dd").value.trim();

let m = document.getElementById("mm").value.trim();

let y = document.getElementById("yy").value.trim();

if (d == "" || m == "" || y == "") {

alert("All fields are required");

return false; }

if (isNaN(d) || isNaN(m) || isNaN(y)) {

alert("Must be valid numbers");

return false; }

d = parseInt(d);

m = parseInt(m);

y = parseInt(y);

if (d < 1 || d > 31)

alert("Day must be 1-31");

return false; }

if (m < 1 || m > 12) {

alert("Month must be 1-12");

return false; }

if (y < 1900 || y > 2016)

alert("Year must be 1900-2016");

return false; }

alert("Valid date");

return true; }

</script>

<form onsubmit="return validateDOB()">

<fieldset style="width: 80px;">

8nbspd 3nbsp mm yyyy <br>

<input type="text" id="d" size="1">

<input type="text" id="mm" size="1">

<input type="text" id="yy" size="2">

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

</fieldset>

</form>

<br>

### Task-5:

Q1. Hint

<script>

```

function validateDegree() {
    let deg = document.getElementById("degree");
    let selected = false;
    for (let i = 0; i < deg.length; i++) {
        if (deg[i].checked) {
            if ("checked" == true);
            break;
        }
    }
    if (!selected) {
        alert("Please select at least one degree");
        return false;
    }
    alert("submitted");
    return true;
}

```

</script>

```

<form onsubmit="return validateDegree()">
    <fieldset style="width: 220px;">
        <legend>Degree</legend>
        <input type="checkbox" name="degree"> SSC
        <input type="checkbox" name="degree"> HSC
        <input type="checkbox" name="degree"> BSC
        <input type="submit" value="submit">
    </fieldset>
</form>

```

<Fieldset>

</form>

## Task-6

```

<!DOCTYPE html>
<html>
  <head>
    <script>
      function validateBlood() {
        let bg = document.getElementById("blood").value;
        if (bg === "") {
          alert("please select a blood group");
          return false;
        }
        alert("submitted");
        return true;
      }
    </script>
  </head>
  <body>
    <form onsubmit="return validateBlood()">
      <select id="blood">
        <option value="A">Select</option>
        <option>A+</option>
        <option>A-</option>
        <option>B+</option>
        <option>B-</option>
      </select>
      <input type="submit" value="Submit" />
    </form>
  </body>
</html>

```

### Task-7:

```
<script>
```

```
function validateForm() {
```

```
    let id = document.getElementById("uid").value.trim();
```

```
    let pic = document.getElementById("pic").value;
```

```
    if (id === "") {
```

```
        alert("User ID cannot be empty");
```

```
        return false;
```

```
}
```

```
    if (pic === "") {
```

```
        alert("please select a picture");
```

```
        return false; }
```

```
    alert("submitted");
```

```
    return true; }
```

```
</script>
```

```
<form onsubmit="return validateForm()">
```

```
    <fieldset style="width: 320px;">
```

```
        <legend> Profile Picture </legend>
```

```
        <label> User ID </label>
```

```
        <input type="text" id="uid"><br><br>
```

```
        <label> Picture </label>
```

```
        <input type="file" id="pic"> <br>
```

```
<br>
```

```
        <input type="submit" value="Submit" />
```

```
</fieldset>
```

```
</form>
```

```
</body>
```

```
</html>
```