

Practical – 8

AIM: Explain ES6 Syntax with example.

Source Code:

```
<!DOCTYPE html>

<html>

<head>

<style>

body {

font-family: Arial, sans-serif;background-color: #f2f2f2;
}

h1 {

text-align: center;

}

form {

margin: auto;width: 50%;
background-color: #fff;padding: 20px;
border-radius: 10px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);

}
```

```
label {
```

```
display: block; margin-bottom: 5px;  
}
```

```
input[type="text"], input[type="password"],input[type="email"], textarea {  
width: 100%; padding: 10px; margin-bottom: 15px;border-radius: 5px;  
border: 1px solid #ccc;box-sizing: border-box;  
}
```

```
select { width: 100%;  
padding: 10px; margin-bottom: 15px;border-radius: 5px;  
border: 1px solid #ccc;box-sizing: border-box;
```

```
}
```

```
input[type="submit"] { background-color: #4CAF50;color: white;  
padding: 10px 20px;border: none; border-radius: 5px;cursor: pointer;  
}
```

```
input[type="submit"]:hover {background-color: #3e8e41;  
}
```

```
.error { color: red;  
font-style: italic;  
}
```

```
</style>
```

```
<title>Form Validation</title>
```

```
<script>
```

```
function validateForm() {
```

```
// Get values of form elements
```

```
var userid      = document.forms["myForm"]["userid"].value; var password =
document.forms["myForm"]["password"].value; var name    =
document.forms["myForm"]["name"].value;
var address     = document.forms["myForm"]["address"].value; var country      =
document.forms["myForm"]["country"].value; var zipcode  =
document.forms["myForm"]["zipcode"].value; var email    =
document.forms["myForm"]["email"].value; var sex= document.forms["myForm"]["sex"].value;
var english     = document.forms["myForm"]["english"].checked;

var non_english = document.forms["myForm"]["non_english"].checked; var about =
document.forms["myForm"]["about"].value;
// Validate userid

if (userid == "" || userid.length < 5 || userid.length > 12) {alert("Userid must be between 5 and 12
characters");
return false;

}

// Validate password

if (password == "" || password.length < 7 || password.length > 12) {alert("Password must be
between 7 and 12 characters");
return false;

}

// Validate name

if (name == "" || !/^[a-zA-Z]+$/.test(name)) {alert("Name can only contain alphabets"); return
false;
```

```
}

// Validate country if (country == "") {

alert("Please select a country");return false;
}

if (zipcode == "" || isNaN(zipcode)) {alert("Zipcode must be a number"); return false;
}

// Validate email if (email == "") {
alert("Email is required");return false;
}

// Validate sex if (sex == "") {
alert("Please select a sex");return false;
}

// Validate language

if (!english || !non_english) {

alert("Please select at least one language");
```

```
return false;

}

// All validations passedreturn true;
}

</script>

</head>

<body>

<h1>Registratation Form</h1>

<form name="myForm" onsubmit="return validateForm()">

<label for="userid">Userid:</label>

<input type="text" id="userid" name="userid" requiredminlength="5"maxlength="12"><br>
<label for="password">Password:</label>

<input type="password" id="password" name="password" requiredminlength="7"
maxlength="12"><br>
<label for="name">Name:</label>

<input type="text" id="name" name="name" required pattern="[a-zA-Z]+"><br>

<label for="address">Address:</label>

<input type="text" id="address" name="address"><br>

<label for="country">Country:</label>

<select id="country" name="country" required>

<option value="">--Select a country--</option>

<option value="USA">USA</option>

<option value="Canada">Canada</option>
```

```
<option value="UK">UK</option>

<option value="Australia">Australia</option>

<option value="Japan">Japan</option>

</select><br>

<label for="zipcode">Zipcode:</label>

<input type="number" id="zipcode" name="zipcode" required><br>

<label for="email">Email:</label>

<input type="email" id="email" name="email" required><br>

<label for="sex">Sex:</label><input type="radio" id="sex_male" name="sex" value="Male"
required><label for="sex_male">Male</label><input type="radio" id="sex_female" name="sex"
value="Female" required><label for="sex_female">Female</label><br>
<label>Languages:</label>

<input type="checkbox" id="english" name="english" value="English" >

<label for="english">English</label>

<input type="checkbox" id="nonenglish" name="nonenglish" value="NonEnglish" >
<label for="nonenglish">Non-English</label><br>

<label for="about">About:</label>

<textarea id="about" name="about"></textarea><br>

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

</form>

</body>

</html>
```

Output:

Registration Form

Userid:

Password: Please fill out this field.

Name:

Address:

Country:

Zipcode:

Email:

Sex: ☒ Male ☐ Female

Languages: ☐ English ☐ Non-English

About:

Registration Form

Userid:

Password:

Name:

Address:

Country:

Zipcode:

Email: Please select an item in the list.

Sex: ☒ Male ☐ Female

Languages: ☐ English ☐ Non-English

About: