

Assignment 2

Name: Auria Ahmad

Roll # PIAIC90066

```
// Q1: Write a program to take "gender" as input from the user. If the user is male, give the  
// message in the alert message Box.: "Good Morning Sir" , If the user is female, give the  
// message in the alert message Box.: Good Morning Ma'am.
```

```
var gender = prompt("What is your gender?");  
if (gender == 'male'){  
    alert("Good Morning Sir");  
}else if (gender == 'female'){  
    alert("Good Morning Ma'am");  
};
```

```
// Q2: Write a program to take input on the marks obtained in three subjects & total marks.  
// Compute & show the resulting percentage on your page. Take percentage & compute grade as  
// per following table:
```

```
var obtained_marks = parseInt(prompt("Please enter your total obtained marks in 3 subjects.",0.0));  
var total_marks = parseInt(prompt("Please enter the total marks in 3 subjects.",0.0));  
var percentage_marks = (obtained_marks/total_marks)*100;  
  
if (percentage_marks >= 80){  
    alert("Grade: A-One \n Remarks: Excellent");  
}else if ((percentage_marks>= 70) && (percentage_marks<=79)){  
    alert("Grade: A \n Remarks: Good");  
}else if ((percentage_marks>= 60) && (percentage_marks<=69)){  
    alert("Grade: B \n Remarks: You Need to be Improve");  
}else if (percentage_marks<=59){  
    alert("Grade: Fail \n Remarks: Sorry");  
}
```

```
// Q3:Write a program that takes temperature as input and shows a message based on following  
// criteria:. T > 40 then "It is too hot outside." b. T > 30 then "The Weather to day is Normal." c. T >
```

// 20 then "Today's Weather is cool." d. T > 10 then "OMG! Today's weather is so Cool."

```
var temperature = parseInt(prompt("Input Temperature:"));
```

```
if (temperature > 40){  
    alert("It is too hot outside")  
}else if (temperature>30 && temperature <= 40){  
    alert("The Weather today is Normal");  
}else if (temperature>20 && temperature <= 30){  
    alert("Today's Weather is cool");  
}else if (temperature > 10 && temperature <=20){  
    alert("OMG! Today's weather is so Cool.");  
}
```

*// Q4:Write a JavaScript program that accepts two integers and displays the Large r. Also show if
// the two integers are equal.*

```
var integer_1 = parseInt(prompt("Enter First Integer."));  
var integer_2 = parseInt(prompt("Enter Second Integer."));
```

```
if (integer_1 > integer_2){  
    alert("larger integer is " + integer_1);  
}else if (integer_1 == integer_2){  
    alert("Both integers are equal.");  
}else{  
    alert("larger integer is " + integer_2);  
}
```

*// Q5: . This if/else statement does not work. Try to fix it:
//corrected code*

```
var greeting;  
var hour = 13;  
if (hour < 18) {  
    greeting = "Good day";  
}else{  
    greeting = "Good evening";  
}
```

*/ Q6: Declare and Initialize an array and store
// available education qualifications in Pakistan
// (e.g. SSC, HSC, BCS, BS, BCOM, MS, M. Phil., PhD).
// Show the Listed qualifications in your browser
// Like:*

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Qualifications:</h1>
  <ol id="itemList"></ol>
</body>

<script>

  var orderedList = document.getElementById('itemList');
  var qualifications= new Array('SSC', 'HSC', 'BCS', 'BS', 'BCOM', 'MS', 'M
.Phil.', 'PhD');
  var myElement;

  function write_letters(){

    for (i = 0; i < qualifications.length; i++ ) {
      myElement = document.createElement("li");
      myElement.innerHTML = qualifications[i];
      orderedList.appendChild(myElement);
    }
  }
  write_letters();
</script>
</html>
```