CASE STUDY – 10

TOPIC : Simple Interest,(+ve,-ve,0),All days in a week in JS

SOURCE CODE :

```html
<html>
  <head>
    <title>
       CONDITIONAL STATEMENTS IN JS
    </title>
    <style>
      h1{
         text-align: left;
         color: transparent;
         background: linear-gradient(Red,black);
         -webkit-background-clip: text;
```

```html
        }
    </style>
  </head>
  <body>
    <h1>CONDITIONAL and SWITCH STATEMENTS IN JS</h1>
  </body>
  <script>
    let a = Number(prompt("Enter the number for days and type: "));
    if(a>0){
        document.write(`<b>The number ${a} is POSITIVE `,"<br>")
        console.log(`The number${a} is POSITIVE`,"<br>")
        switch(a){
        case 1:
           document.write(" Today is SUNDAY","<br>");
           console.log("Today is SUNDAY","<br>");
           break;
        case 2:
           document.write("Today is MONDAY","<br>");
           console.log("Today is MONDAY","<br>");
```

```
        break;
    case 3:
        document.write("Today is TUESDAY","<br>");
        console.log("Today is TUESDAY","<br>");
        break;
    case 4:
        document.write("Today is WEDNESDAY","<br>")
        console.log("Today is WEDNESDAY","<br>")
        break
    case 5:
        document.write("Today is THURSDAY","<br>")
        console.log("Today is THURSDAY","<br>")
        break
    case 6:
        document.write("Today is FRIDAY","<br>")
        console.log("Today is FRIDAY","<br>")
        break
    case 7:
        document.write("Today is SATURDAY","<br>")
        console.log("Today is SATURDAY","<br>")
```

```javascript
        break
    };
  }else if(a<0){
    document.write(`The number ${a} is NEGATIVE`,"<br>")
    console.log(`The number${a} is NEGATIVE`,"<br>")
  }else{
    document.write(`${a} is ZERO`,"<br>")
    console.log(`${a} is ZERO`,"<br>")
  }

</script>
<body>
  <h1>SIMPLE INTEREST</h1>
</body>
<script>
  let p=Number(prompt("Principal amount : "))
  let t=Number(prompt("Time period : "))
  let r=Number(prompt("Rate of Interest : "))
  let interest=(p*t*r)/100
  document.writeln("Principal Amount : ",p,"<br>")
```

```
        console.log("Principal Amount : ",p)

        document.writeln("Time Period : ",t,"<br>")

        console.log("Time period : ",t)

        document.writeln("Rate of Interest : ",r,"<br>")

        console.log("Rate of Interest : ",r)

        document.writeln("The Simple interest is :
",interest,"<br>")

        console.log("The Simple interest is : ",interest)

    </script>

</html>
```

OUTPUT: