

```
<html>
<head>
<!--<script type="text/javascript" src="externaljs.js"></script>-->
<script type="text/javascript">
document.write("<h1>This is a heading</h1><br>");
document.write("<p>This is a paragraph.</p><br>");
document.write("<p>This is another paragraph.</p><br>");
</script>
</head>
<body>
<script type="text/javascript">
document.write("<h3>" +Date()+"</h3>");
var x="welcome to vit";
document.write(x + "<br>");
var y=56;
document.write(y);
</script>
</body>
</html>
```

```
//externaljs.js
document.write("<h3>This is a heading</h3><br>");
document.write("<p>This is a paragraph.</p><br>");
document.write("<p>This is another paragraph.</p><br>");
```

```
<html>
<body>
<script type="text/javascript">
var x;
x=5+5;
document.write(x);
document.write("<br>");
x="5"+"5";
document.write(x);
document.write("<br>");
x=5+"5";
document.write(x);
document.write("<br>");
x="5"+5;
document.write(x);
document.write("<br>");
</script>
<p>The rule is: If you add a number and a string, the result will be a string.</p>
</body>
</html>
```

```
<html><body>
<script type="text/javascript">
var r=Math.random();
document.write(r+"<br>");
if(r>0.5)
{
document.write("<a href='http://www.w3schools.com'>Learn Web Development!</a>");
}
else
{
document.write("<a href='http://www.vit.ac.in'>VIT University!</a>");
}
</script></body></html>
```

```
<html><body>
<script type="text/javascript">
var d = new Date();
var time = d.getHours();
document.write("<p>" + Date() + "</p>");
if (time<10) {
    document.write("<b>Good morning</b>");
}
else if (time>=10 && time<12)
{
document.write("<b>Good day</b>");
}
else if (time>=12 && time<17)
{
document.write("<b>Good Afternoon</b>");
}
else {
document.write("<b>Hello World!</b>");
}
</script> </body></html>
```

```
<html><body>
<script type="text/javascript">
    var d=new Date();
    var theDay=d.getDay(); //Note that Sunday=0,Monday=1, etc.
    switch (theDay){
    case 5:
        document.write("Finally Friday");
        break;
    case 3:
        document.write("Mid of week Wednesday");
        break;
    case 6:
        document.write("Super Saturday");
        break;
    case 0:
        document.write("Sleepy Sunday");
        break;
    default:
        document.write("I'm looking forward to this weekend!");
    }
</script></body><html>
```

```
<html>
<body>
<script type="text/javascript">
var i=0;
for (i=0;i<=5;i++)
{
document.write("The number is " + i);
document.write("<br >");
}
</script></body></html>
```

```
<html>
<body>
<script type="text/javascript">
document.write("while loop<br>");
var i=0;
while(i<=5){
document.write("The number is " + i);
document.write("<br >");
i++;
}
document.write("<br>do while loop<br>");
var j=0;
do{
document.write("The number is " + j);
document.write("<br >");
j++;
}while (j<=5);
</script></body></html>
```