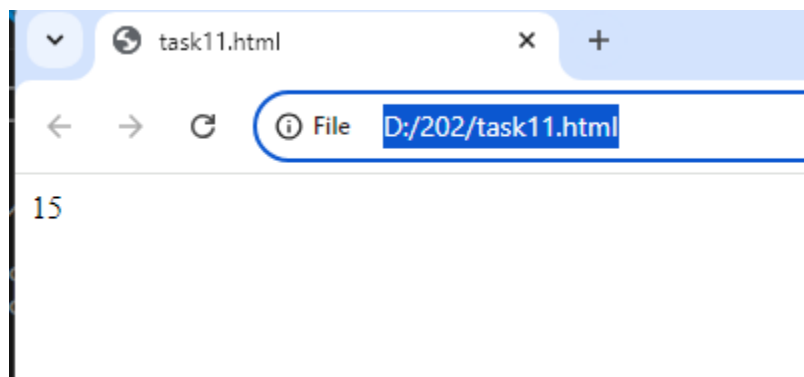


TASK 11

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      x=15;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:



The assigned value for undeclared variable `x` is obtained in the output

TASK 12:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      "use strict";
      x=15;
      document.writeln(x);
    </script>
```

```
</body>
</html>
```

OUTPUT:

```
Uncaught ReferenceError ReferenceError: x is not defined
    at <anonymous> (d:\202\task11.html:8:14)
Uncaught ReferenceError ReferenceError: x is not defined
    at <anonymous> (d:\202\task11.html:8:14)
Uncaught ReferenceError ReferenceError: x is not defined
```

Error occurred because x is undeclared

TASK 13:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      "use strict";
      x=15;
      delete x;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:

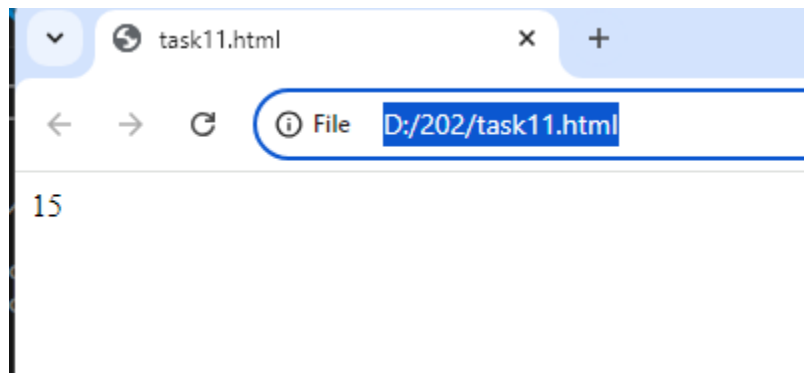
```
Uncaught SyntaxError SyntaxError: Delete of an unqualified identifier in strict mode.
    at (program) (d:\202\task11.html:9:20)
```

TASK 14:

Without using use strict

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      x=15;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:



Using use strict

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      "use strict";
      x=15;
      document.writeln(x);
    </script>
```

```
</body>  
</html>
```

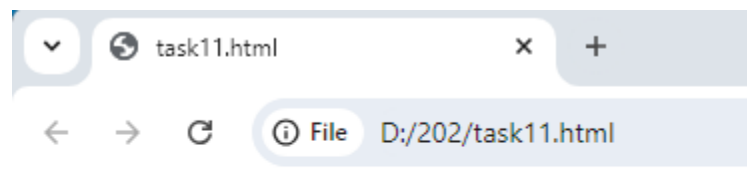
OUTPUT:

```
Uncaught ReferenceError: ReferenceError: x is not defined  
    at <anonymous> (d:\202\task11.html:8:14)  
Uncaught ReferenceError: ReferenceError: x is not defined  
    at <anonymous> (d:\202\task11.html:8:14)  
Uncaught ReferenceError: ReferenceError: x is not defined
```

TASK 15:

```
<!DOCTYPE html>  
<html>  
  <head>  
  </head>  
  <body>  
    <script>  
      "use strict";  
      var x=15;  
      document.writeln(x);  
    </script>  
  </body>  
</html>
```

OUTPUT:



15

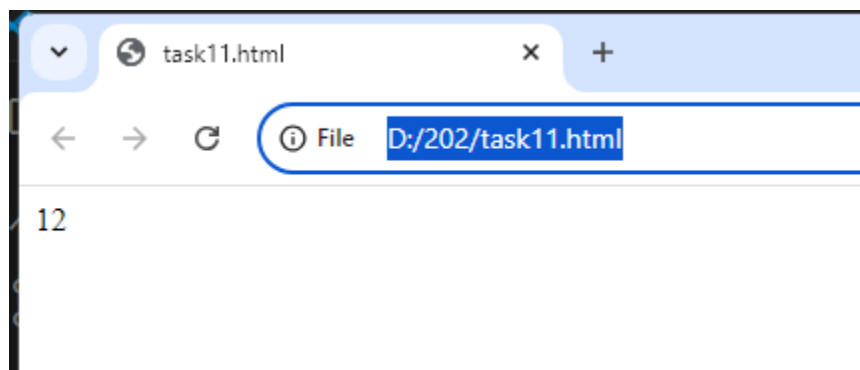
TASK 16:

VAR:

Var should be used when we want to reassign a value to the variable

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      var x=15;
      var x=12;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:

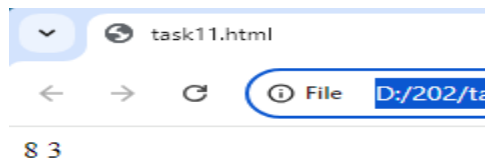


LET:

Let keyword is used to declare a variable and the value of the variable will be assigned later

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let x=8;
      document.writeln(x);
      x=3;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:



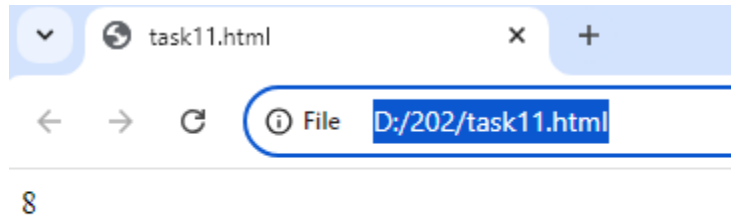
CONST:

When const keyword is used we cannot reassign the value to the variable once it is assigned

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      const x=8;
      document.writeln(x);
      x=3;
      document.writeln(x);
    </script>
  </body>
</html>
```

```
</script>
</body>
</html>
```

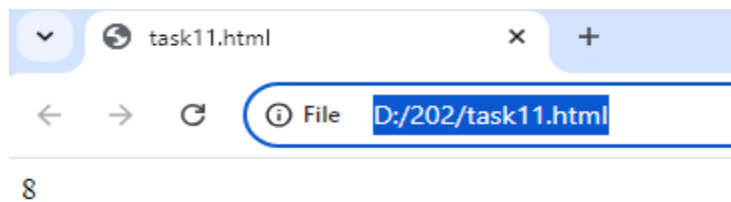
OUTPUT:



TASK17:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      const x=8;
      document.writeln(x);
      x=3;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:

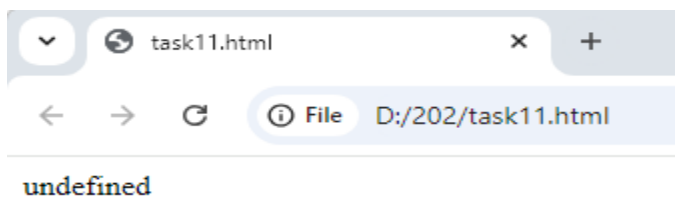


If we try to reassign value to the variable it is not reassigned it return only the first value which is assigned to it.

TASK 18:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let x;
      document.writeln(x);
    </script>
  </body>
</html>
```

OUTPUT:



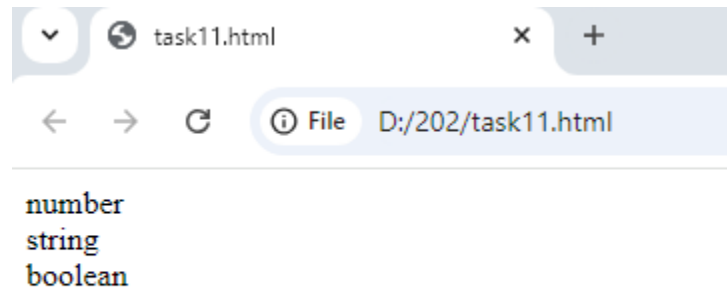
TASK 19:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let a=18;
      document.writeln(typeof(a)+"<br>");
      a="java";
      document.writeln(typeof(a)+"<br>");
      a=true;
      document.writeln(typeof(a)+"<br>");
    </script>
```



```
</body>
</html>
```

OUTPUT:

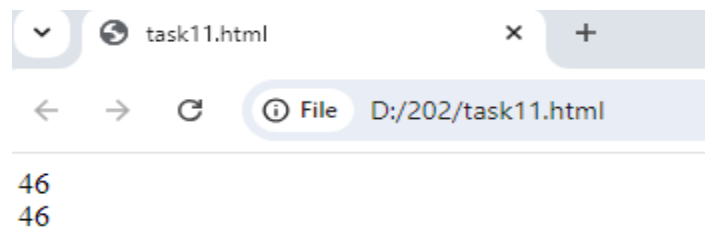


TASK 20:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let a=46;
      b=a
      document.writeln(a+"<br>");
      document.writeln(b+"<br>");

    </script>
  </body>
</html>
```

OUTPUT:

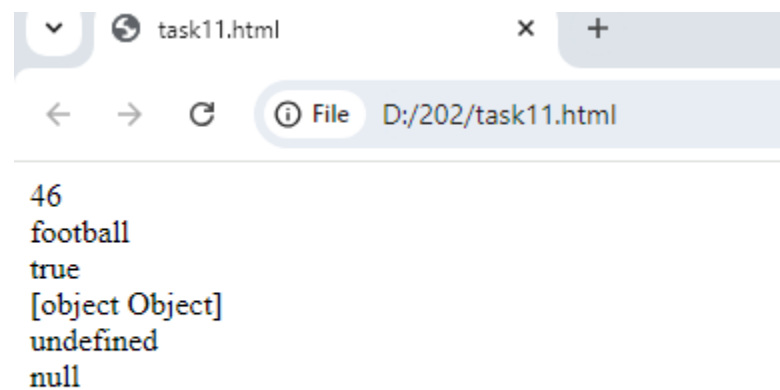


TASK 21:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let a=46;
      document.writeln(a+"<br>");
      let b="football";
      document.writeln(b+"<br>");
      let c=true;
      document.writeln(c+"<br>");
      const d={Name:"Dhanush",age:42};
      document.writeln(d+"<br>");
      let e;
      document.writeln(e+"<br>");
      let f=null;
      document.writeln(f+"<br>");

    </script>
  </body>
</html>
```

OUTPUT:



TASK 22:

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <script>
      let a=46;
      document.writeln(typeof(a)+"<br>");
      let b="football";
      document.writeln(typeof(b)+"<br>");
      let c=true;
      document.writeln(typeof(c)+"<br>");
      const d={Name:"Dhanush",age:42};
      document.writeln(typeof(d)+"<br>");
      let e;
      document.writeln(typeof(e)+"<br>");
    </script>
  </body>
</html>
```

OUTPUT:

