

```
<!-- example on VAR vs LET -->

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8">

    <title>JS</title>

  </head>

  <body>

    <h3>demo on re-defination & hoisting</h3>

    <script>

      var a=100; //declaration

      x=123;

      document.write(a + ` &nbsp; &nbsp; ` + typeof a,`<br>`)

      var a="rama";    //re-declaration

      document.write(a + ` &nbsp; &nbsp; ` + typeof a,`<br>`)

      var a=true;      //re-declaration

      document.write(a + ` &nbsp; &nbsp; ` + typeof a,`<br>`)

      let b=200; //declaration

      document.write(b + ` &nbsp; &nbsp; ` + typeof b,`<br>`)

      //let b="sam";    error, bcz not supported by "let"

      document.write(x,`<br>`);

      z="apple";

      document.write(z,`<br>`);

      var x; //hoisting
```

```
var z;
```

```
//let z; not supported
```

```
</script>
```

```
</body>
```

```
</html>
```