//1.

console.log("Hello World!");

console.log("Ciao, mondo!");

console.log("Hej Världen!");

console.log("Bonjour le monde");

//2.

console.log('I\'m awesum');// use / it means the next char is a string

//3.

let x;

console.log("the value of my variable x will be: whateverYouThinkItWillLog");

console.log(x);

x = 100;

console.log("the value of my variable x will be: whateverYouThinkItWillLog");

console.log(x);

//4.

let y = "This is a string";

console.log("the value of my string will be: whateverYouThinkItWillLog");

console.log(y);

y = "This is a new string";

console.log("the value of my string will be: whateverYouThinkItWillLog");

console.log(y);

//5.

let z = 7.25;//5.

console.log(z);

let a = Math.round(z);

console.log(a);

let comp;

if (a > z) { comp = a; }

else { comp = z; }

console.log(comp);

//6. Arrays

let myArray = [];

console.log("My favorite animals");

console.log(myArray);

let zoo = ["Cat", "Hours", "Dog", "Fish", "Bird"];

console.log(zoo);

zoo.push("baby pig");

console.log(zoo);

//7. strings

let myString = "This is a test";

console.log(myString);

console.log("My String length is " + myString.length);

//8

let foo = 10;

console.log("The value of my variable foo is: " + foo);

let boo = "string";

console.log("The value of my variable boo is: " + boo);

if (foo === boo) {

console.log("SAME TYPE");

}

else {

console.log("NOT SAME TYPE");

}

//9.

x = 7;

x %= 3; //getting remaind of x / 3

console.log(x);

console.log(10 % 2); // 0

console.log(10 % 3); // 1

console.log(10 % 4); // 2

console.log(10 % 5); // 0

console.log(10 % 6); // 4

//10.

let items = [["Milk", 20], ["Bread", 7], ["Apple", 28], ["Chips", 72]];

console.log("My items include " + items[0][1] + " boxes of " + items[0][0] + ".");