1. Data types

   - Int
   - String
   - Boolean
   - Null
   - Undefined

2.

```
<html>

<body>

<p id="p1">Hello World!</p>
<p id="p2">Hello World!</p>

<script>
document.getElementById("p2").style.color = "blue";
document.getElementById("p2").style.fontFamily = "Arial";
document.getElementById("p2").style.fontSize = "larger";
</script>

<p>The paragraph above was changed by a script.</p>

</body>
</html>
```

3. Single line comments start with //
   Multi-line comments start with /* and end with */

4. **JavaScript** has three kind of **popup boxes**: Alert **box**, Confirm **box**, and Prompt **box**.
5. **Javascript Features**.

   a. Dynamic Typing.

   b. Object-oriented programming support.

   c. Functional Style.

   d. Platform Independent.

   e. Prototype-based.

6. Basic concepts of js

   - Scope. Scope means variable access. ...
   - IIFE (Immediately Invoked Function Expression) ...

- Hoisting.
- Closures.
- Callbacks.
- Promises.
- Async & Await

7. **The predefined** core **objects** are Array , Boolean , Date , Function , Math , Number , RegExp , and String .

8. **Creating** a **JavaScript Object**

   There are different ways to create new **objects**: **Define** and create a single **object**, using an **object** literal. **Define** and create a single **object**, with the keyword new . **Define** an **object** constructor, and then create **objects** of the constructed type.

9. The program results an error which loops infinitly

   ```
   for(let a = 1; a==1.0; a += 0.1){
       document.write(a+'''');
   }
   ```

10. Single line comments start with //
    Multi-line comments start with /* and end with */