Introduction to Information Systems
– Understanding the digital world

8 Javascript and HTML

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Schdule

Today's schedule

- HTML Introduction (35')
- Javascript (50')
- Information and homework (5')

HTML Introduction

👍 https://www.w3schools.com/videos/index.php (5')

🌎 https://www.w3schools.com/html/html_intro.asp -> HOME, Introduction, Editors, Basic (25')

Try the online editor (5'):
https://www.w3schools.com/html/tryit.asp?filename=tryhtml_intro

Javascript Introduction

👍 https://www.youtube.com/watch?v=Ukg_U3CnJWI (12')

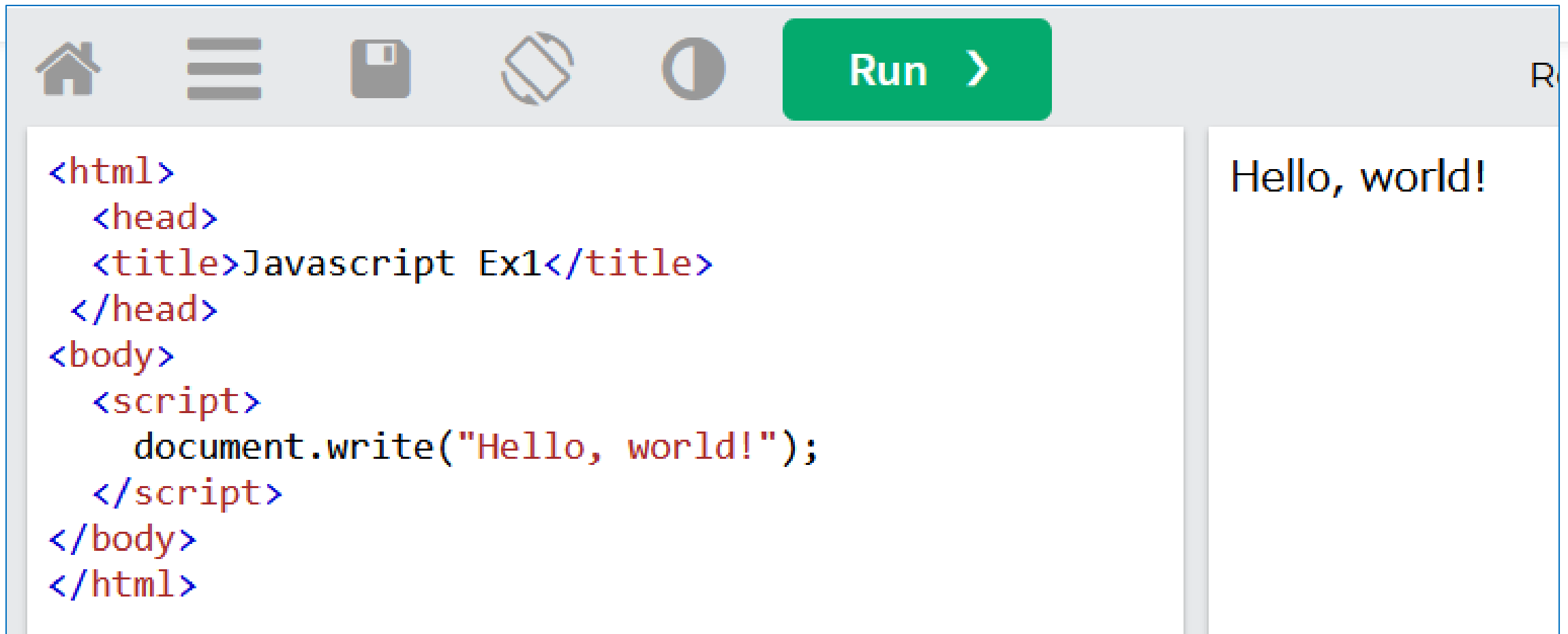# Javascript exercise: hello

```html
<html>

  <body>

  <script>

    alert("Hello, world." ) ;

  </script>

  </body>

</html>
```


Access https://www.w3schools.com/js/tryit.asp?filename=tryjs_myfirst. Clear the existing code and input the above code in the left windows. Then run it by clicking the "Run >" button.
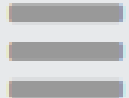
ex1


```html
<html>
  <head>
  <title>Javascript Ex1</title>
 </head>
<body>
  <script>
    document.write("Hello, world!");
  </script>
</body>
</html>
```

Hello, world!

Run ›

ex2

Run >

```html
<html>
  <head><title>Javascript Ex2</title></head>
<body>
  <script>
    var name = prompt("What is your name?");
    var sentence = "Hello, " + name + ".";
    document.write(sentence);
  </script>
</body>
</html>
```

Hello, Z.

ex3

```html
<html>
  <head><title>Javascript Ex3</title></head>
<body>
  <script>
  n = prompt("Enter a number please:");
  for (i=1; i<=n; i=i+1) {
    for (j=1; j<=i; j=j+1) { document.write("*"); }
   document.write("<br>");
  }
 </script>
</body>
</html>
```

```
*
**
***
****
*****
******
*******
********
*********
**********
```
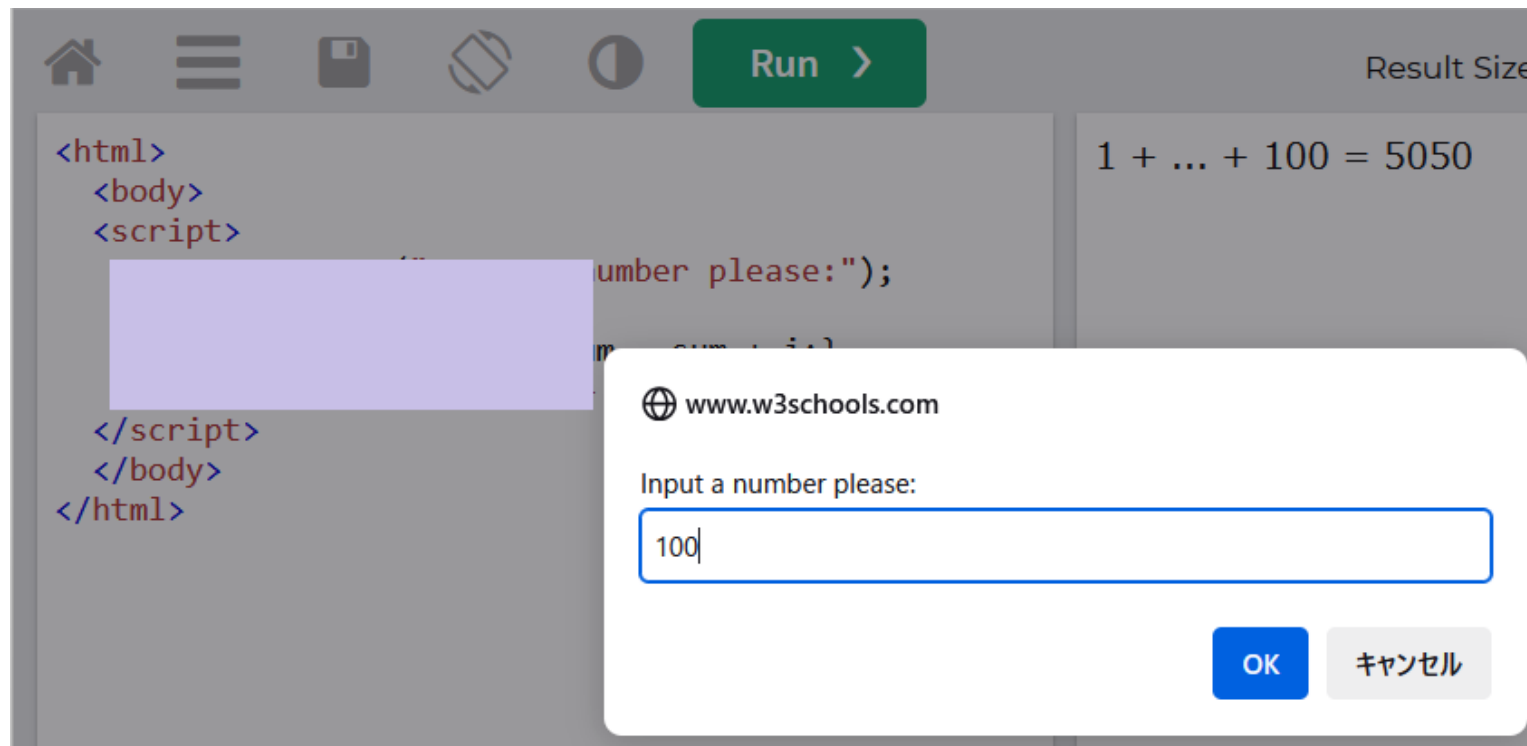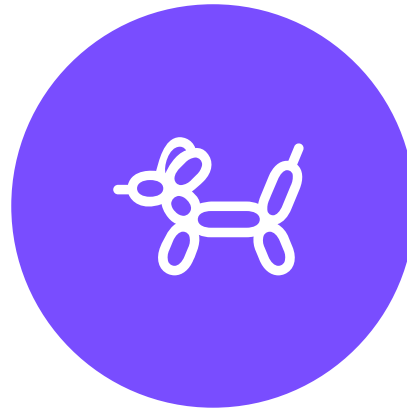
Classwork (ex4)

Write a javascript program that reads an integer N from the user, calculates 1 + 2 + ... + N, and outputs the result (see the next screenshot for a hint).

Information and homework

THIS WEEK, NONE.