LAPORAN PRAKTIKUM DASAR PEMROGRAMAN WEB

DOSEN PENGAMPU :

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KELAS MIF 2B

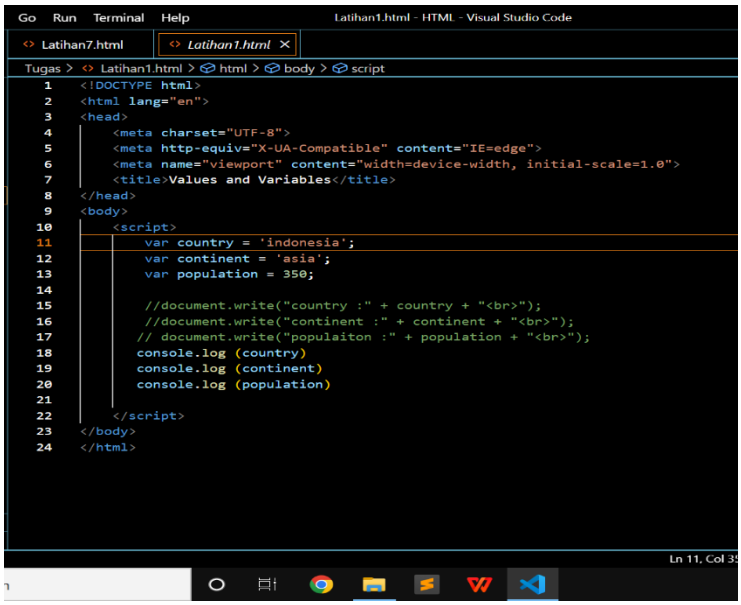
PRODI MANAJEMEN INFORMATIKA

JURUSAN MANAJEMEN INFORMATIKA

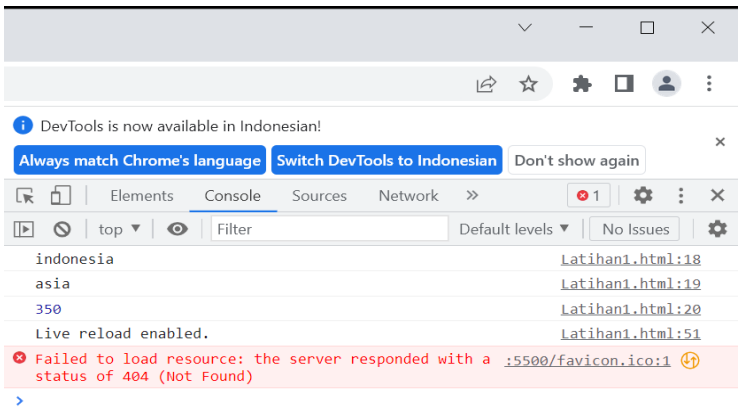
POLITEKNIK NEGERI SAMBAS

- **Values and Variables**

1. Declare variables called 'country', 'continent' and 'population' and assign their values according to your own country (population in millions)
2. Log their values to the console

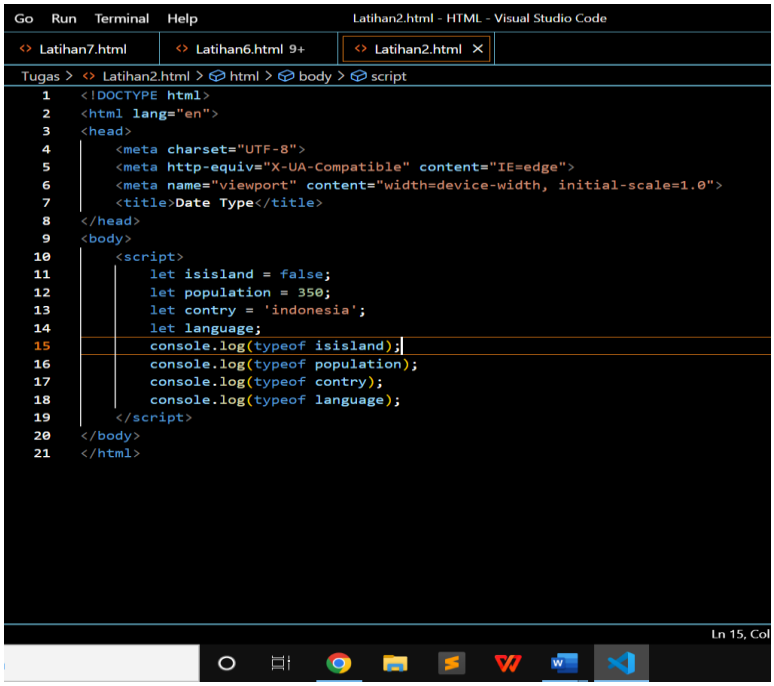


Hasil yang tampil pada consol



- **Data Types**

1. Declare a variable called 'isIsland' and set its value according to your country. The variable should hold a Boolean value. Also declare a variable 'language', but don't assign it any value yet
2. Log the types of 'isIsland', 'population', 'country' and 'language' to the console



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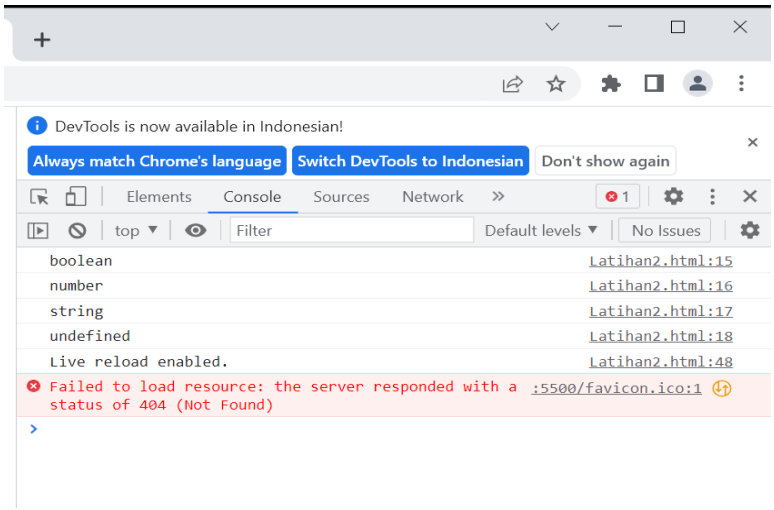
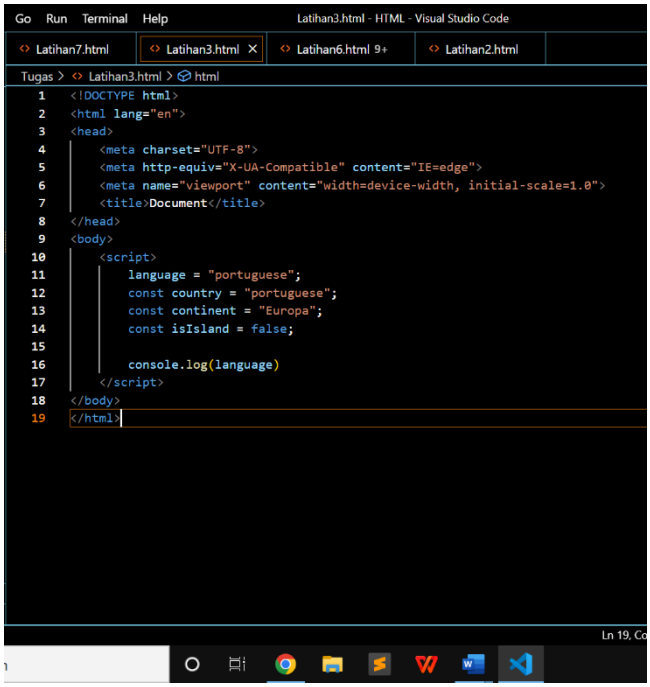


- **let, const and var**

1. Set the value of 'language' to the language spoken where you live (some countries have multiple languages, but just choose one)
2. Think about which variables should be const variables (which values will never change, and which might change?). Then, change these variables to const.

3. Try to change one of the changed variables now, and observe what happens



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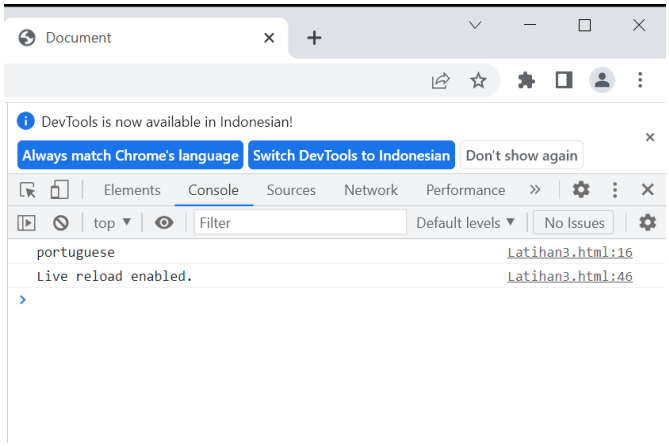
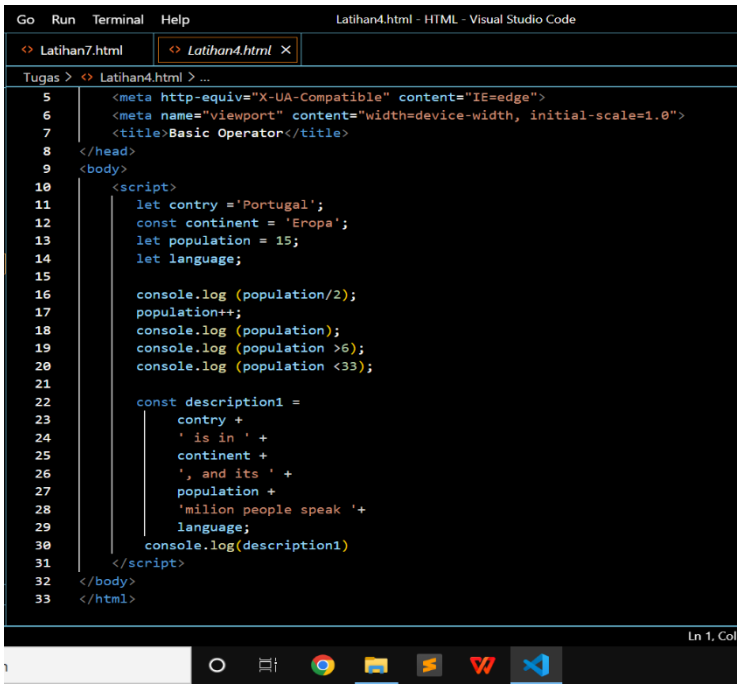


- **Basic Operators**
  1. If your country split in half, and each half would contain half the population, then how many people would live in each half?
  2. Increase the population of your country by 1 and log the result to the console
  3. Finland has a population of 6 million. Does your country have more people than Finland?
  4. The average population of a country is 33 million people. Does your country have less people than the average country?

5. Based on the variables you created, create a new variable 'description' which contains a string with this format: 'Portugal is in Europe, and its 11 million people speak Portuguese'



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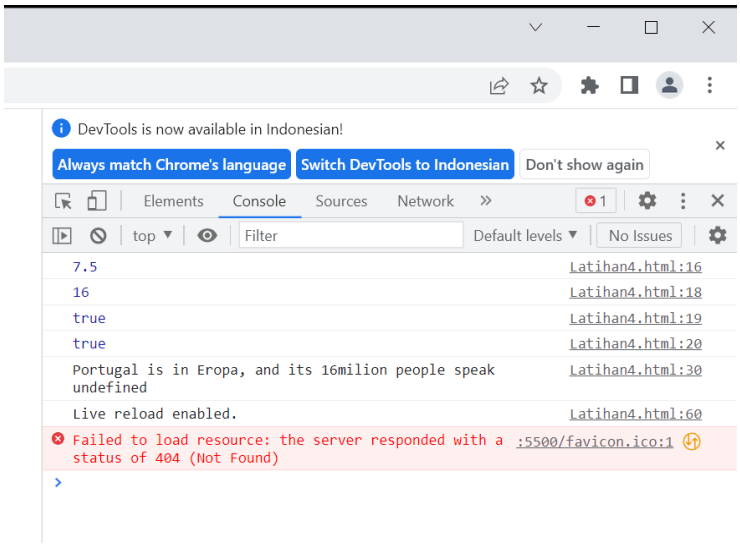
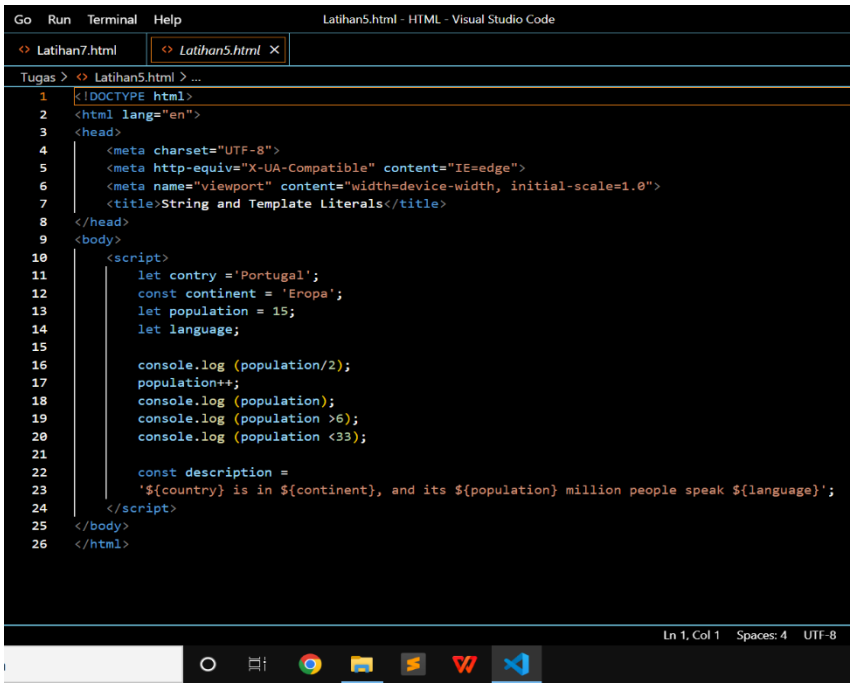
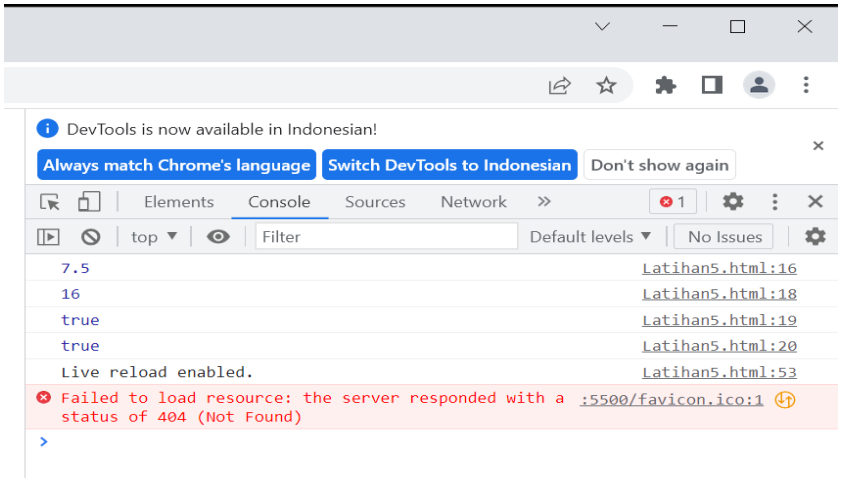


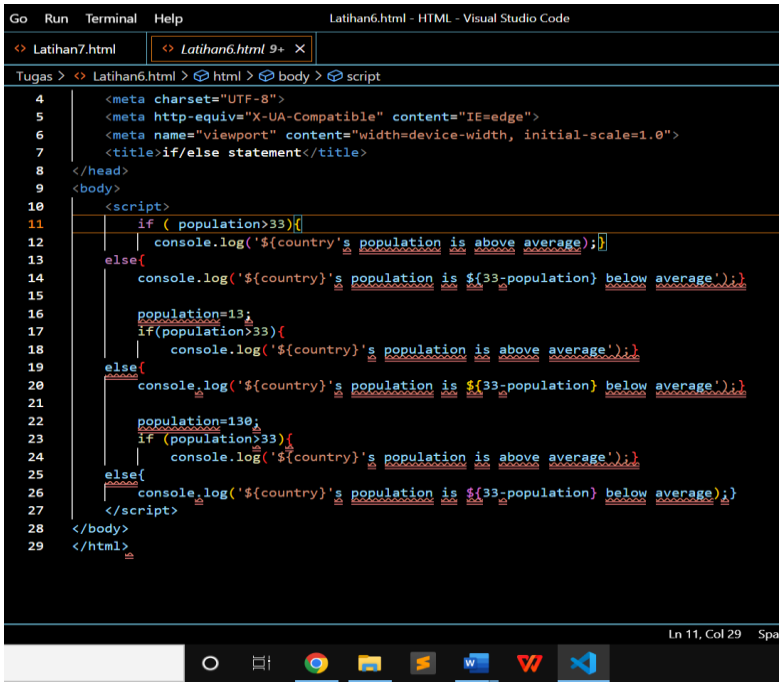
- **Strings and Template Literals**
  1. Recreate the 'description' variable from the last assignment, this time using the template literal syntax



Hasil yang tampil pada consol

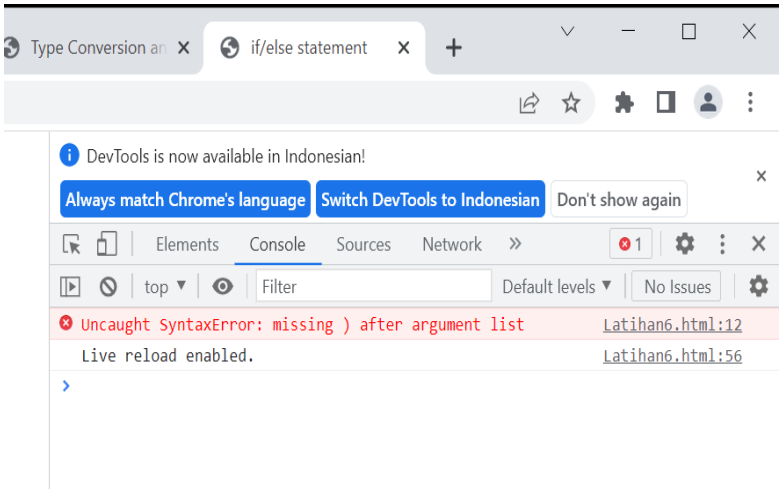


- **Taking Decisions: if / else Statements**
  1. If your country's population is greater than 33 million, log a string like this to the console: 'Portugal's population is above average'. Otherwise, log a string like 'Portugal's population is 22 million below average' (the 22 is the average of 33 minus the country's population)
  2. After checking the result, change the population temporarily to 13 and then to 130. See the different results, and set the population back to original

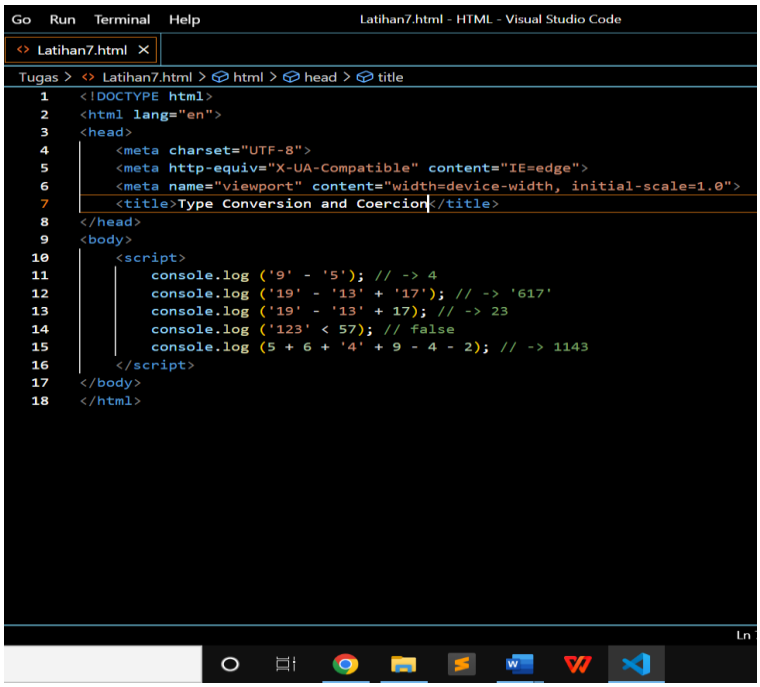


Hasil yang tampil pada consol seperti di bawah ini terjadi eror

Dan merupakan bagian yang saya rasa sulit.



- **Type Conversion and Coercion**
  1. Predict the result of these 5 operations without executing them:
     '9' - '5';
     '19' - '13' + '17';
     '19' - '13' + 17;
     '123' < 57;
     5 + 6 + '4' + 9 - 4 - 2;
  2. Execute the operations to check if you were right



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