

In the Name of Allah

Project Title : Prj 8

Programming Software : Visual Studio Code , Version 1.73.1

Programming language : JavaScript

Project Description :

1. Declare a variable 'numNeighbours' based on a prompt input like this:
prompt('How many neighbour countries does your country have?');
2. If there is only 1 neighbour, log to the console 'Only 1 border!' (use loose equality == for now)
3. Use an else-if block to log 'More than 1 border' in case 'numNeighbours' is greater than 1
4. Use an else block to log 'No borders' (this block will be executed when 'numNeighbours' is 0 or any other value)
5. Test the code with different values of 'numNeighbours', including 1 and 0.
6. Change == to ===, and test the code again, with the same values of 'numNeighbours'. Notice what happens when there is exactly 1 border! Why is this happening?
7. Finally, convert 'numNeighbours' to a number, and watch what happens now when you input 1

Project Solution :

```
// 1.
// 1 to 5 .
const numNeighbours = prompt(
  'How many neighbour countries does your country have?'
);
// if (numNeighbours == 1) {
//   console.log('Only 1 border!');
// } else if (numNeighbours > 1) {
//   console.log('More than 1 border');
// } else console.log('No borders');
// 6. prompt gives us a string data and "==" compares without look to what is
type of data but "===" compares between two same type of data
if (numNeighbours === 1) {
  console.log('Only 1 border!');
} else if (numNeighbours > 1) {
  console.log('More than 1 border');
} else console.log('No borders');
// 7. when converting 'numNeighbours' to a number . the problem that we had
before was solved
const numNeighbours = Number(
  prompt('How many neighbour countries does your country have?')
);
```

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