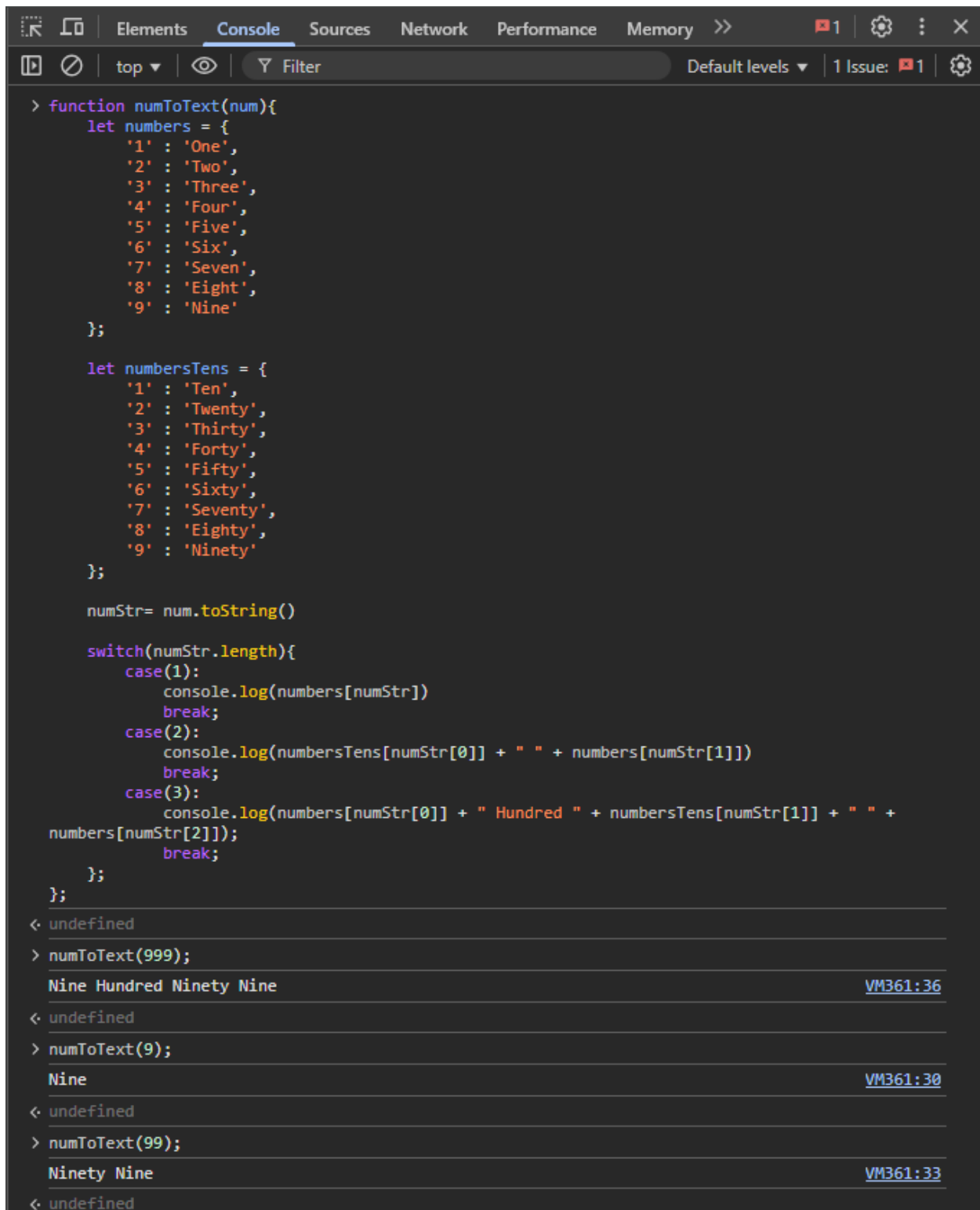


Number 1 Output:



```
> function numToText(num){
  let numbers = {
    '1' : 'One',
    '2' : 'Two',
    '3' : 'Three',
    '4' : 'Four',
    '5' : 'Five',
    '6' : 'Six',
    '7' : 'Seven',
    '8' : 'Eight',
    '9' : 'Nine'
  };

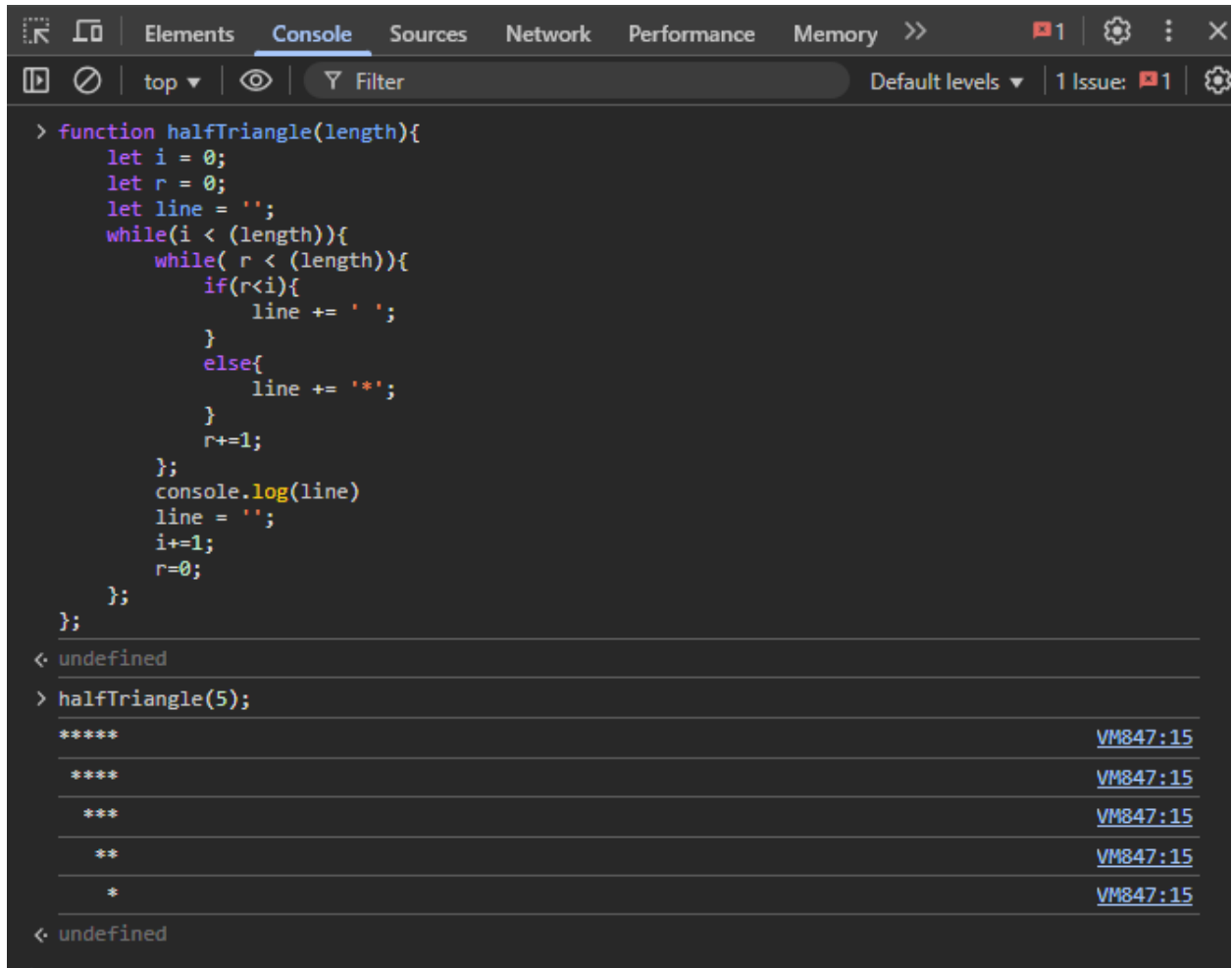
  let numbersTens = {
    '1' : 'Ten',
    '2' : 'Twenty',
    '3' : 'Thirty',
    '4' : 'Forty',
    '5' : 'Fifty',
    '6' : 'Sixty',
    '7' : 'Seventy',
    '8' : 'Eighty',
    '9' : 'Ninety'
  };

  numStr= num.toString()

  switch(numStr.length){
    case(1):
      console.log(numbers[numStr])
      break;
    case(2):
      console.log(numbersTens[numStr[0]] + " " + numbers[numStr[1]])
      break;
    case(3):
      console.log(numbers[numStr[0]] + " Hundred " + numbersTens[numStr[1]] + " " +
numbers[numStr[2]]);
      break;
  };
};

< undefined
> numToText(999);
Nine Hundred Ninety Nine VM361:36
< undefined
> numToText(9);
Nine VM361:30
< undefined
> numToText(99);
Ninety Nine VM361:33
< undefined
```

Number 2 Output:



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the execution of a JavaScript function named `halfTriangle` with an argument of `5`. The function uses nested `while` loops to generate a half-triangle pattern of asterisks. The output is displayed as five lines of asterisks, each preceded by a log message from the console. The console interface includes a top bar with tabs for Elements, Console, Sources, Network, Performance, and Memory, and a filter bar with a search icon and a 'Filter' input field. The console also shows a '1 Issue' notification in the top right corner.

```
> function halfTriangle(length){
  let i = 0;
  let r = 0;
  let line = '';
  while(i < (length)){
    while( r < (length)){
      if(r<i){
        line += ' ';
      }
      else{
        line += '*';
      }
      r+=1;
    };
    console.log(line)
    line = '';
    i+=1;
    r=0;
  }
};

< undefined
> halfTriangle(5);
***** VM847:15
**** VM847:15
*** VM847:15
** VM847:15
* VM847:15
< undefined
```

Number 3 Output:

```
> function xSign(height){
  for (let i = 0; i < height; i++) {
    let row = '';
    for (let j = 0; j < height; j++) {
      if (j === i || j === height - 1 - i) {
        row += '*';
      } else {
        row += ' ';
      }
    }
    console.log(row);
  }
};

xSign(5);
* * VM1018:11
* * VM1018:11
* VM1018:11
* * VM1018:11
* * VM1018:11
< undefined
```

Number 4 Output:

```
> function perimeter(a,b,c){
  return a + b + c;
}
< undefined
> perimeter(1,2,3)
< 6
```

Number 5 Output:

```
> let color = ["Blue ", "Green", "Red", "Orange", "Violet", "Indigo", "Yellow "];
let o = ["th","st","nd","rd"]
let line = ''
let i = 0;
while (i < color.length){
  switch(i){
    case 0:
      line += i+1;
      line += o[1];
      line += ' choice is '
      line += color[i]
      break;
    case 1:
      line += i+1;
      line += o[2];
      line += ' choice is '
      line += color[i]
      break;
    case 2:
      line += i+1;
      line += o[3];
      line += ' choice is '
      line += color[i]
      break;
    default:
      line += i+1;
      line += o[0];
      line += ' choice is '
      line += color[i]
      break;
  }
  console.log(line);
  line = '';
  i+=1;
};
```

1st choice is Blue	VM998:32
2nd choice is Green	VM998:32
3rd choice is Red	VM998:32
4th choice is Orange	VM998:32
5th choice is Violet	VM998:32
6th choice is Indigo	VM998:32
7th choice is Yellow	VM998:32

Number 6 Output:

```
> let record = [{
  "Name": "Gibo",
  "Age": 16,
  "SkillSet": [{
    "Skill": "SAP UI5"
  }], {
    "Skill": "SAP HANA"
  }]
}, {
  "Name": "Patrick",
  "Age": 22,
  "SkillSet": [{
    "Skill": "SAP UI5"
  }], {
    "Skill": "SAP HANA"
  }], {
    "Skill": "SAP ABAP"
  }]
}, {
  "Name": "MJ",
  "Age": 24,
  "SkillSet": [{
    "Skill": "SAP HANA"
  }]
}];

< undefined

> function highSkillset(record){
  let highest = 0;
  let highestName = '';
  let highestAge = 0;

  for (let count = 0; count < record.length; count++){
    if(record[count].SkillSet.length > highest){
      highest = record[count].SkillSet.length;
      highestName = record[count].Name;
      highestAge = record[count].Age;
    }
  }
  console.log('Name: ' + highestName);
  console.log('Age: ' + highestAge);
}

< undefined

>
highSkillset(record);
Name: Patrick VM1006:13
Age: 22 VM1006:14

< undefined
```