ex1.js

sprint2 > javascript Pre-Assessment 2 > ex1.js > ...

```
1  let arr = [5, 2, -7, 3, -2, -1];
2  let negativeNumbers = arr.filter(num => num < 0);
3  console.log(negativeNumbers);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
C:\Program Files\nodejs\node.exe .\sprint2\javascript Pre-Assessment 2\ex1.js
> (3) [-7, -2, -1]
```

ex2.js

sprint2 > javascript Pre-Assessment 2 > ex2.js > ...

```
1  let arr2 = [5, 10, 15, 20, 23];
2  let replacedOdds = arr2.map(num => num % 2 !== 0 ? 0 : num);
3  console.log(replacedOdds);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
C:\Program Files\nodejs\node.exe .\sprint2\javascript Pre-Assessment 2\ex2.js
> (5) [0, 10, 0, 20, 0]
```

Ex3:

```
> let sum=0;
< undefined
> let input;
< undefined
> do{
      input=parseInt(prompt("enter a number (0 to stop):"));
      sum+=input;
  }while (input!=0);
< 12
> console.log(sum);
  12                                                    VM472:1
< undefined
```

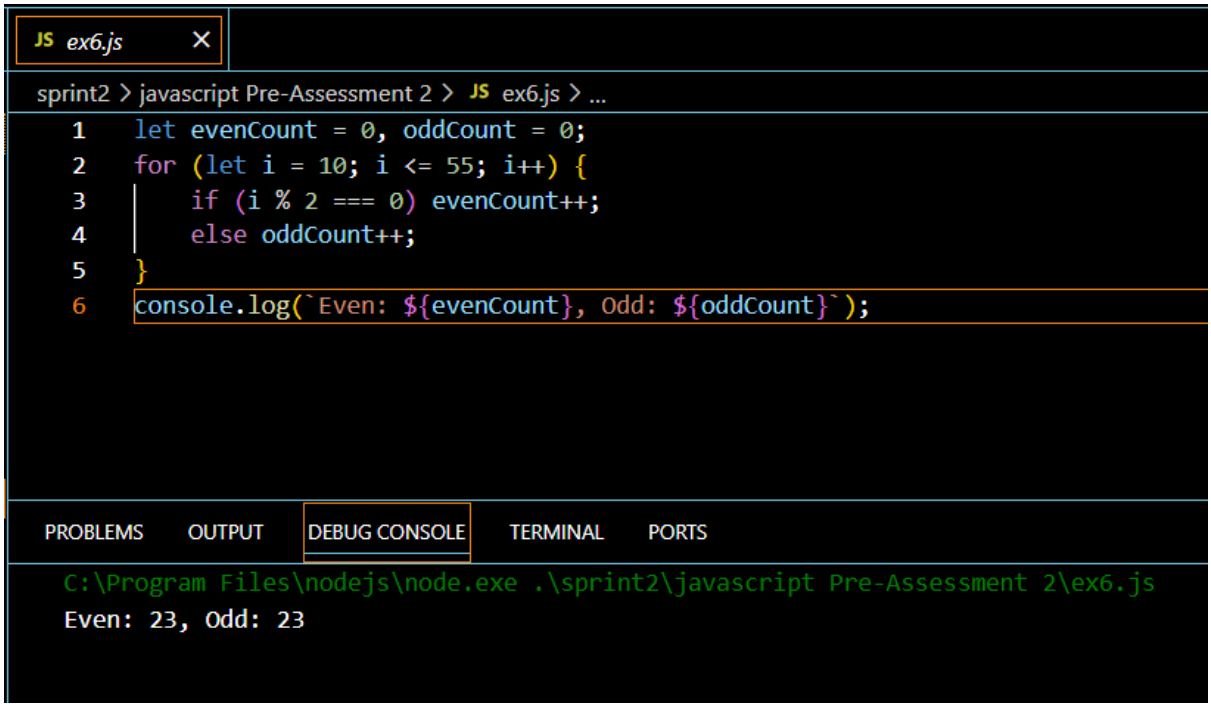
ex5.js

sprint2 > javascript Pre-Assessment 2 > ex5.js > ...

```
1  let prev = 0;
2  for (let i = 1; i <= 10; i++) {
3      console.log(i + prev);
4      prev = i;
5  }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
C:\Program Files\nodejs\node.exe .\sprint2\javascript Pre-Assessment 2\ex5.js
1
3
5
7
9
11
13
15
17
19
```


JS ex6.js
sprint2 > javascript Pre-Assessment 2 > JS ex6.js > ...
1 let evenCount = 0, oddCount = 0;
2 for (let i = 10; i <= 55; i++) {
3 if (i % 2 === 0) evenCount++;
4 else oddCount++;
5 }
6 console.log(`Even: ${evenCount}, Odd: ${oddCount}`);
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
C:\Program Files\nodejs\node.exe .\sprint2\javascript Pre-Assessment 2\ex6.js
Even: 23, Odd: 23