



NULL
NUMBER
SYMBOL
STRING
BOOLEAN
BIGINT
UNDEFINED

and U - means Undefined



File Edit Selection View Go Run ... Javascript- [Codespaces: psychic chainsaw]

EXPLORER

OPEN EDITORS 1 unsaved

- JS 01_arrayjs... U
- JS nmbssujs... U
- JS objectjs... U
- JS 02_arrayjs... U

JAVASC...

- .devcontainer
- { } devcontainer.json
- 01_array
- JS 01_arrayjs U
- JS 02_arrayjs U
- 01_basic
- JS 01.js M
- nmbssuobject
- JS nmbssujs U
- JS objectjs U
- README.md

OUTLINE

TIMELINE

DEBUG CONSOLE

Filter (e.g. text, ...)

PROBLEMS OUTPUT TERMINAL PORTS

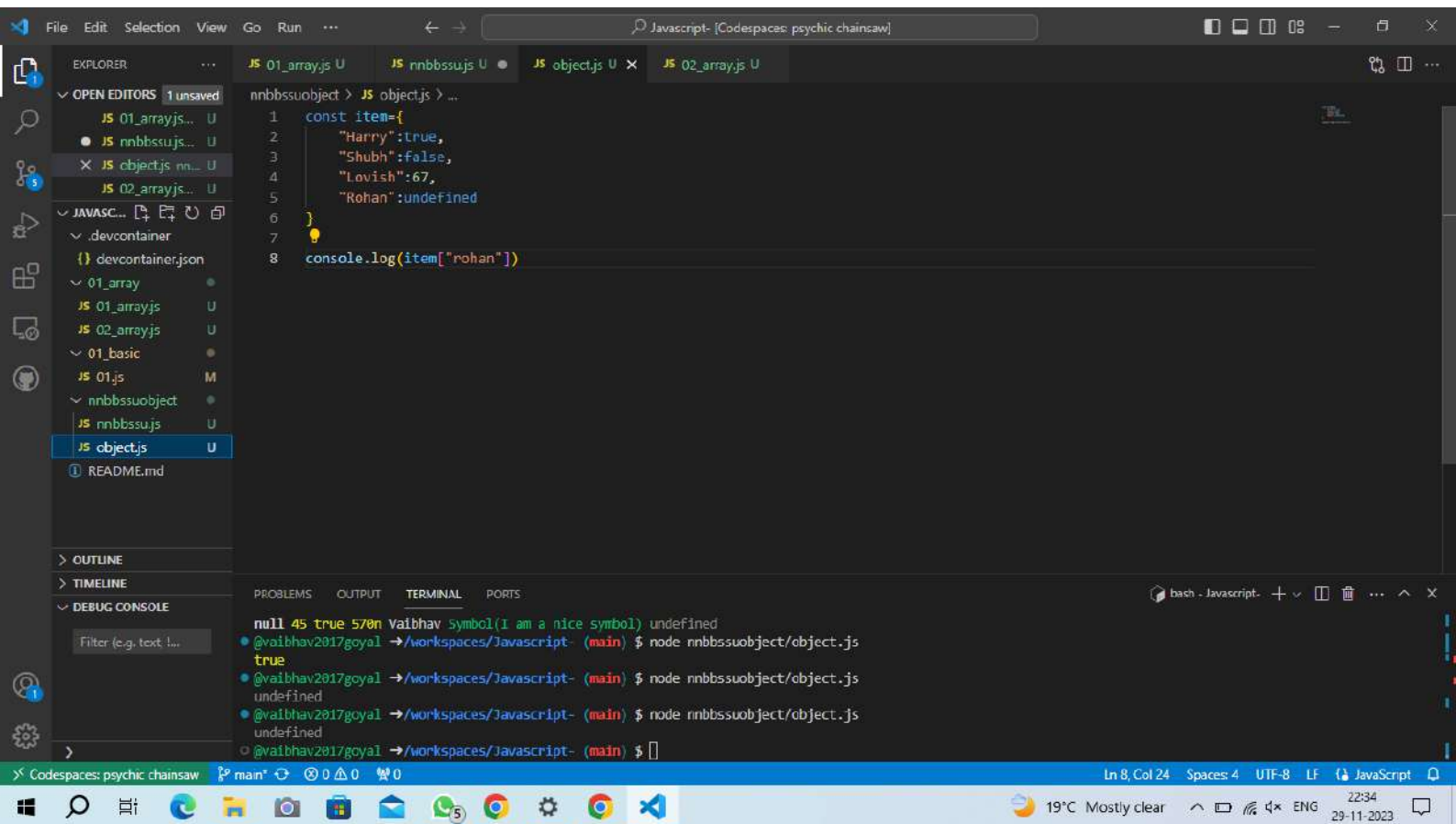
bash - Javascript- + - - - ^ X

```
null 45 true 570n Vaibhav Symbol(I am a nice symbol) undefined
@vaibhav2017goyal →/workspaces/Javascript- (main) $ node nmbssuobject/object.js
true
@vaibhav2017goyal →/workspaces/Javascript- (main) $ node nmbssuobject/object.js
undefined
@vaibhav2017goyal →/workspaces/Javascript- (main) $ node nmbssuobject/object.js
undefined
@vaibhav2017goyal →/workspaces/Javascript- (main) $
```

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19°C Mostly clear 22:34 29-11-2023

```
1 /*
2 null      n
3 number    n
4 bigint    b
5 boolean   b
6 symbol    s
7 string    s
8 undefined u
9 n n b b s s u
10 */
11
12 let a=null;
13 let b=45;
14 let c=true;
15 let d=BigInt("567")+0igInt("3")
16 let e="Vaibhav"
17 let f=Symbol("I am a nice symbol")
18 let g=undefined
19 console.log(a,b,c,d,e,f,g)
```



TYPES OF CONVERSION

- STRING
- BOOLEAN
- NUMBER

IMPLICIT V/S EXPLICIT COERSION

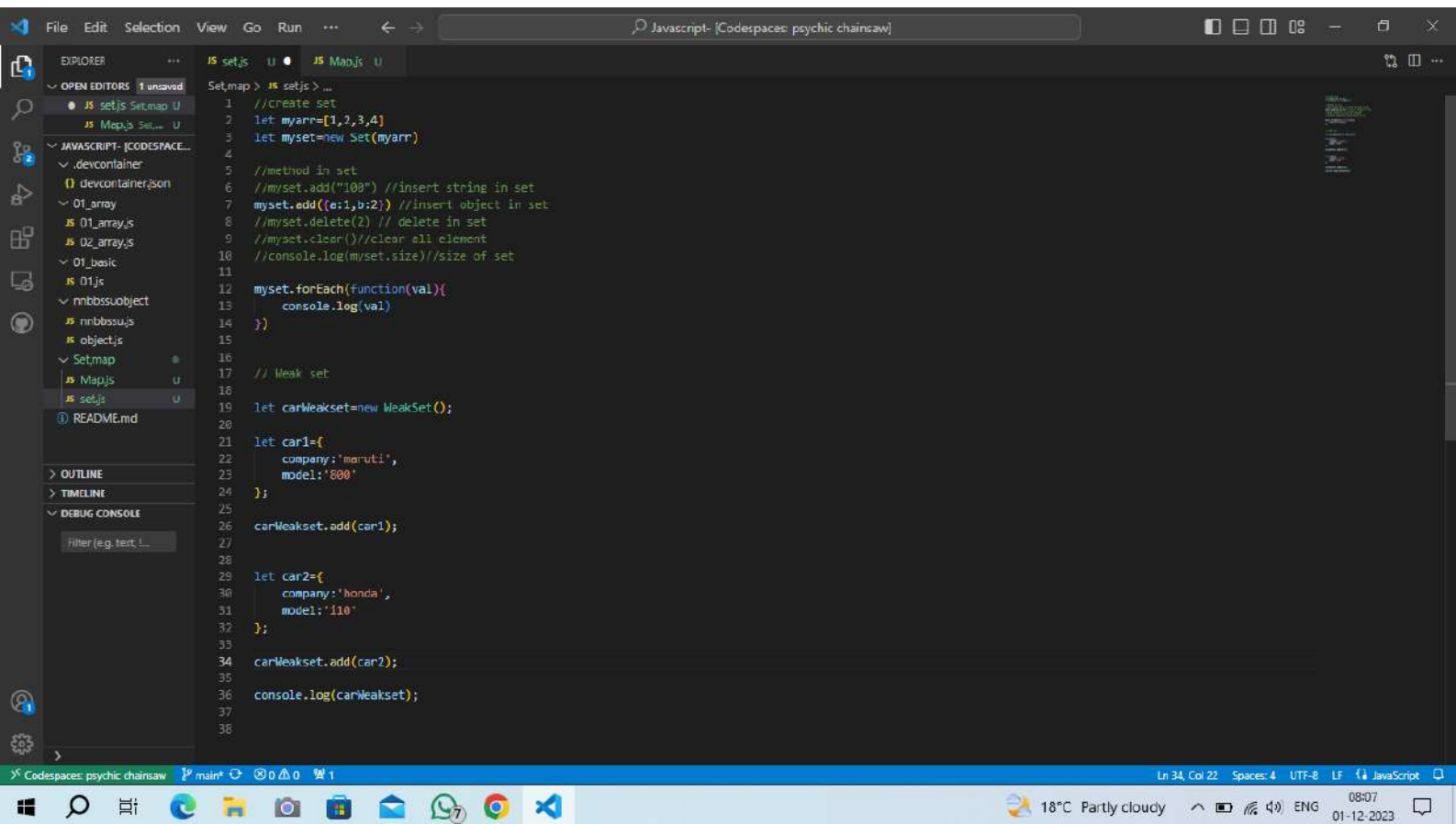
```
true + false           // 1
12 / "6"               // 2
"number" + 15 + 3      // 'number153'
15 + 3 + "number"      // '18number'
[1] > null              // true
"foo" + + "bar"        // 'fooNaN'
'true' == true          // false
false == 'false'       // false
null == ''             // false
!!"false" == !!"true"  // true
['x'] == 'x'           // true
[] + null + 1          // 'null1'
[1,2,3] == [1,2,3]     // false
{}+[]+{}+[1]           // '0[object Object]1'
!+[]+[]+![]           // 'truefalse'
new Date(0) - 0         // 0
new Date(0) + 0         // 'Thu Jan 01 1970 02:00:00(EET)0'
```

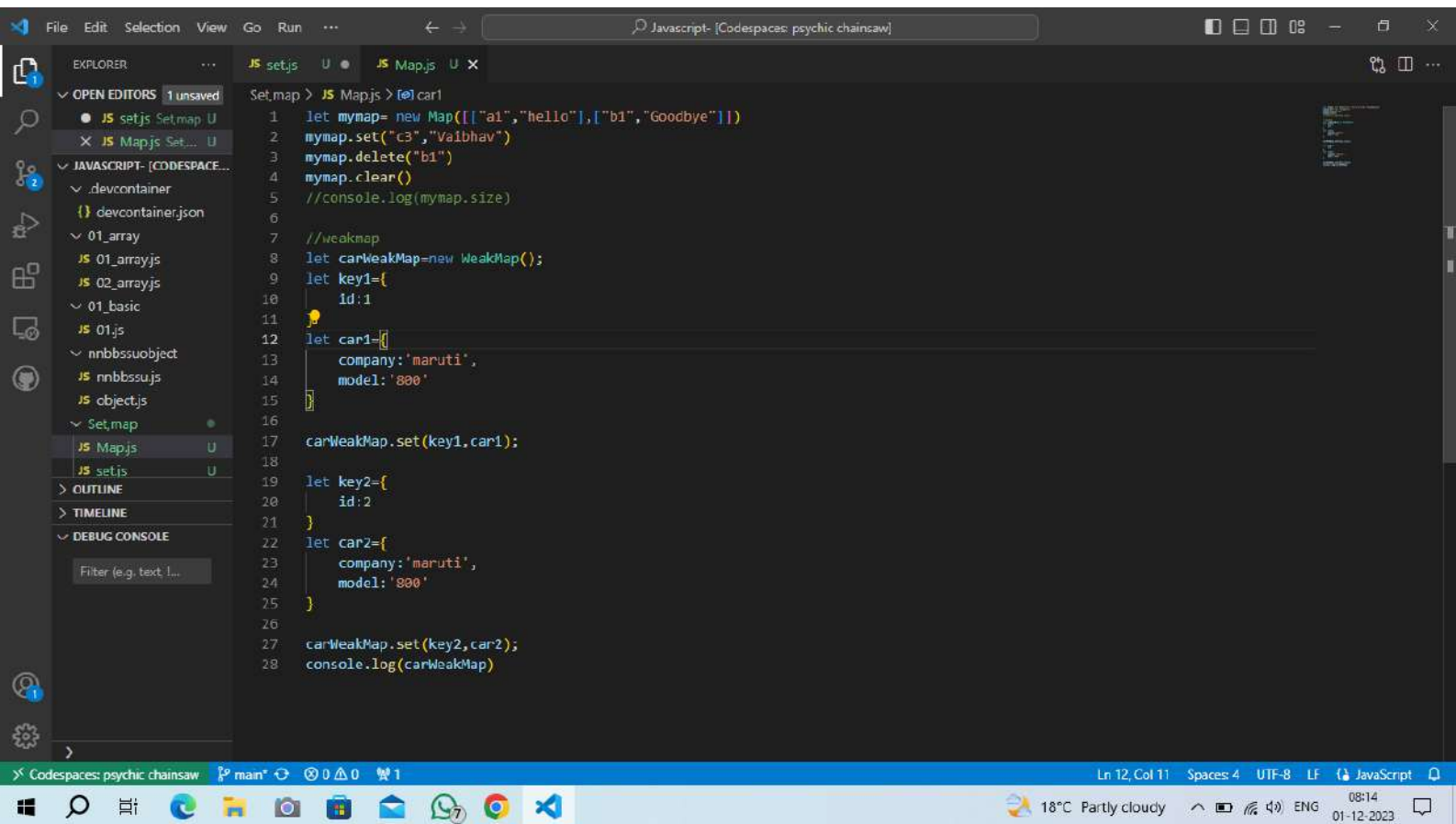
IMPLICIT

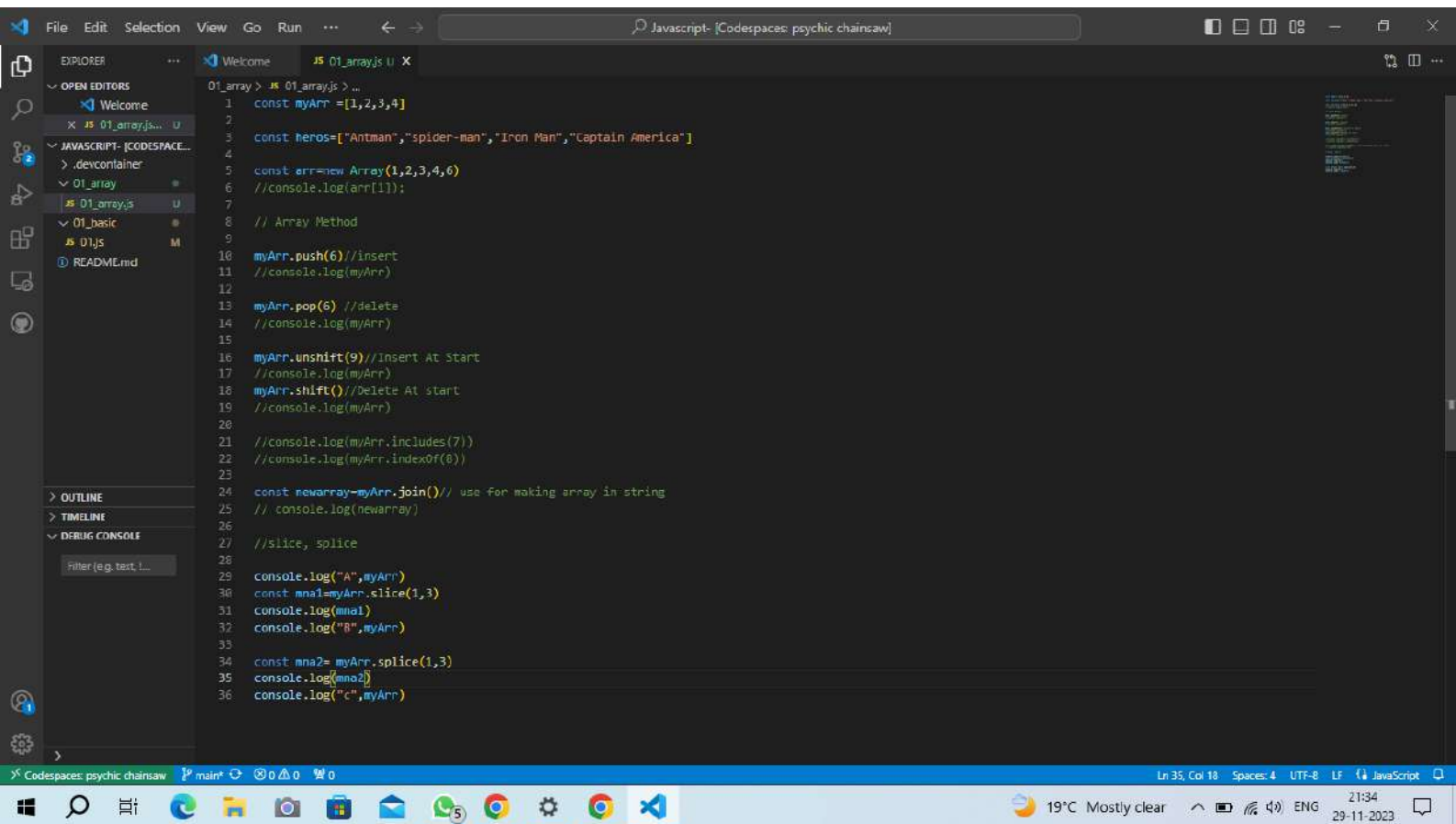
IMPLICIT V/S EXPLICIT COERSION

```
String(123)           // '123'  
String(-12.3)         // '-12.3'  
String(null)          // 'null'  
String(undefined)     // 'undefined'  
String(true)          // 'true'  
String(false)         // 'false'
```

EXPLICIT







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EXPLORER

OPEN EDITORS 1 unsaved

- Welcome
- JS 01_arrayjs... U
- JS 02_arrayjs... U

JAVASCRIPT- (CODESPACE...)

- .devcontainer
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OUTLINE

TIMELINE

DEBUG CONSOLE

Filter (e.g. text, l...)

```
01_array > JS 02_arrayjs > ...
1 //Array 2
2 const marvel_heros=["Thor","Iron-Man","Spider-Man"]
3 const dc=["Flash","superman","Batman"]
4
5 marvel_heros.push(dc)//array in array
6 console.log(marvel_heros)
7 const newarray=marvel_heros.concat(dc)
8 console.log(newarray)
9
10 const new_array=[...marvel_heros,...dc]
11 console.log(new_array)
12
13 const another_array=[1,2,3,[4,5],[5,6,[7,8]]]
14 const real_another_array=another_array.flat(Infinity)
15
16 console.log(real_another_array)
17
18 console.log(Array.from("Vaibhav"))
19 |
20 console.log(Array.isArray("vaibhav"))
21
22 let score1=100
23 let score2=200
24 let score3=300
25 console.log(Array.of(score1,score2,score3))
```

Codespaces: psychic chainsaw main 0 0 0 0 0 0

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