Assignment 4

S3_Group 8

```javascript
JS Assingnment04.js
1    let test = [];
2    let std = {id: 63130500000, name: 'KMUTT'};
3
4    console.log(test); //[]
5
6    //push() = add new value to lastest index in array
7    test.push(10);
8    test.push('Hello');
9    test.push(std);
10   let a = test.push(1000); //assign number of index to variable 'a'
11
12   console.log(a); //4
13   console.log(test); //[10, 'Hello', { id: 63130500000, name: 'KMUTT' }, 1000 ]
14
15   //fliter
16   let sort = value => value > 50;
17   let filtered1 = test.filter(sort); //filter array by calling variable that stored arrow function
18   console.log(filtered1); //[ 1000 ]
19
20   let filtered2 = test.filter(value => value === 'Hello');//filter array by arrow function
21   console.log(filtered2); //[ 'Hello' ]
22
23   let filtered3 = test.filter(value => value <= 10); //filter array by arrow function
24   console.log(filtered3); //[ 10 ]
25
26   //pop() = remove lastest index of array
27   test.pop() //remove last index in array that is 10000
28   console.log(test); //[10, 'Hello', { id: 63130500000, name: 'KMUTT' }]
29
30   let x = test.pop() //bring the lastest index to assign in variable 'x' and remove value in array at the same time that is { id: 63130500000, name: 'KMUTT'}
31   console.log(x);
32
33   test.pop(); //remove 'Hello'
34   console.log(test); // [10]
35
```

Output :

```
D:\1-64\Git\JS\Learning>node "d:\1-64\Git\JS\Learning\Assingnment04.js"
[]
4
[ 10, 'Hello', { id: 63130500000, name: 'KMUTT' }, 1000 ]
[ 1000 ]
[ 'Hello' ]
[ 10 ]
[ 10, 'Hello', { id: 63130500000, name: 'KMUTT' } ]
{ id: 63130500000, name: 'KMUTT' }
[ 10 ]

D:\1-64\Git\JS\Learning>
```