Array of Functions

Thursday, March 10, 2022   4:11 PM

```javascript
1
2   function plus(x,y){return x+y;}
3   var minus = function(x,y){return x-y;}
4   var multiply = function(x,y){return x*y;}
5   var divide = function(x,y){return x/y;}
6
7   var operations = [plus,minus,multiply,divide] ; // a list of operations
8
9   var a=50;
10  var b=15;
11
12
13  //we can run batch operations here
14
15  for(var i=0;i<operations.length;i++)
16  {
17      let result=operations[i](a,b);
18
19      console.log(a, operations[i].name, b, '=', result);
20  }
21
22
23
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

```
D:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js>node "d:\MyWorks\Corpo
js\demo13-function-array.js"
50 plus 15 = 65
50 minus 15 = 35
50 multiply 15 = 750
50 divide 15 = 3.3333333333333335

D:\MyWorks\Corporate\202203-infogain-react\basic-html-css-js>
```

- We can put functions in an array

- We are using both array [] and function () syntax together

- Every function has a name of its own
  - For anonymous function the name may be the variable where it is assigned