

## Tasks on 13-9-24:

### Task-1:

```
JS index.js > [?] sayHello
1  ✓ //task -1:
2    //named function:
3  ✓ function sayHello() {
4    |   console.log(`"Hello"`);
5    |   }
6    sayHello();
7    //anonymous function:
8  ✓ var sayHello = function (){
9    |   console.log(`"Hello"`);
10   }
11   sayHello();
12   //arrow function:
13  ✓ var sayHello = () => {
14    |   console.log(`"Hello"`);
15   }
16   sayHello();
17
```

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```
[Running] node "d:\my files\daily_activity\day44\index.js"
"Hello"
"Hello"
"Hello"
```

```
[Done] exited with code=0 in 0.164 seconds
```

## Task-2:

```
JS index1.js > ...
1  //named function :
2  function printNumber() {
3      console.log(5);
4  }
5  printNumber();
6  //anonymouse function:
7  var printNumber = function () {
8      console.log(5);
9  }
10 printNumber();
11 //arrow function:
12 var printNumber = () => {
13     console.log(5);
14 }
15 printNumber();|
```

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[Running] node "d:\my files\daily\_activity\day44\index1.js"

5  
5  
5

[Done] exited with code=0 in 0.167 seconds

### Task-3:

```
JS index2.js > ...
1  //named function :
2  function addAndPrint() {
3      console.log(2 + 3);
4  }
5  addAndPrint();
6  //anonymous function:
7  var addAndPrint = function () {
8      console.log(2 + 3);
9  }
10 addAndPrint();
11 //arrow function:
12 var addAndPrint = () => {
13     console.log(2 + 3);
14 }
15 addAndPrint();
```

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[Running] node "d:\my files\daily\_activity\day44\index2.js"

5  
5  
5

[Done] exited with code=0 in 0.2 seconds

### Task 4:

```
JS index3.js > ...
1  function add(a, b) {
2      return a + b;
3  }
4  console.log(add(99999999999999999999,0.9999999999999999));
5  //anonymous function:
6  var add = function (a,b) {
7      return a + b;
8  }
9  console.log(add(99999999999999999999,0.9999999999999999));
10 //arrow function:
11 var add = (a,b) => {
12     return a + b;
13 }
14 console.log(add(99999999999999999999,0.9999999999999999));
```

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```
[Running] node "d:\my files\daily_activity\day44\index3.js"
```

1e+23

1e+23

1e+23

```
[Done] exited with code=0 in 0.167 seconds
```

## Task-5:

```
JS index4.js > ...
1  //named function:
2  function subtract(a, b) {
3      return a - b;
4  }
5  console.log(subtract(0.00000000000001,0.01234456764856764));
6  //anonymous function:
7  var subtract = function (a,b){
8      return a - b;
9  }
10 console.log(subtract(0.00000000000001,0.01234456764856764));
11 //arrow function:
12 var subtract = (a,b) =>{
13     return a-b;
14 }
15 console.log(subtract(0.00000000000001,0.01234456764856764));
```

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[Running] node "d:\my files\daily\_activity\day44\index4.js"

-0.012344567648557639

-0.012344567648557639

-0.012344567648557639

[Done] exited with code=0 in 0.16 seconds

## Task-6:


```
JS index5.js > ...
1  //named function :
2  function double(x) {
3      return x + x;
4  }
5  console.log(double(2001));
6  //anonoymous function:
7  var double = function (x){
8      return x + x;
9  }
10 console.log(double(2001));
11 //arrow function:
12 var double = (x) =>{
13     return x + x;
14 }
15 console.log(double(2001));
```

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```
[Running] node "d:\my files\daily_activity\day44\index5.js"
4002
4002
4002
```

```
[Done] exited with code=0 in 0.161 seconds
```

## Task-7

```
JS index6.js > ...
1 //named function:
2 function square(x) {
3     return x * x;
4      }
5 console.log(square(19));
6 //anonymous function:
7 var square = function(x){
8     return x*x;
9 }
10 console.log(square(17));
11 //arrow function:
12 var square = (x) =>{
13     return x*x;
14 }
15 console.log(square(18))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[Running] node "d:\my files\daily_activity\day44\index6.js"
361
289
324
```

```
[Done] exited with code=0 in 0.163 seconds
```

## Task-8:

```
JS index7.js > ...
1  //named function:
2  function isPositive(x) {
3      return x > 0;
4  }
5  console.log(isPositive(10)) ;
6  //anonymous function:
7  var isPositive = function (x){
8      return x > 0;
9  }
10 console.log(isPositive(-10)) ;
11 //arrow function :
12 var isPositive = (x) =>{
13     return x >0;
14 }
15 console.log(isPositive(348546846)) ;
```

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```
[Running] node "d:\my files\daily_activity\day44\index7.js"
true
false
true
```

```
[Done] exited with code=0 in 0.162 seconds
```



## Task-9:

```
JS index8.js > ...
1  //named function:
2  function absolute(x) {
3      if (x < 0) {
4          return 0 - x;
5      }
6      return x;
7  }
8  console.log(absolute(10));
9  //anonymous function:
10 var absolute = function(x){
11     if (x < 0) {
12         return 0 - x;
13     }
14     return x;
15 }
16 console.log(absolute(-10));
17 //arrow function:
18 var absolute = (x) =>{
19     if (x < 0) {
20         return 0 - x;
21     }
22     return x;
23 }
24 console.log(absolute(-90));
25
```

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```
[Running] node "d:\my files\daily_activity\day44\index7.js"
true
false
true
```

```
[Done] exited with code=0 in 0.162 seconds
```

## Task-10:

```
JS index.9.js > [0] max_1
1  //named function:
2  function max(a, b) {
3      if (a > b) {
4          return a;
5      }
6      return b;
7  }
8  console.log(max(10,56));
9  //anonymous function:
10 var max_1 = function(a,b){
11     if (a > b) {
12         return a;
13     }
14     return b;
15 }
16 console.log(max_1(100,56));
17 //arrow function:
18 var max_2 = function(a,b){
19     if (a > b) {
20         return a;
21     }
22     return b;
23 }
24 console.log(max_2(10,560));
25
```

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```
[Running] node "d:\my files\daily_activity\day44\index.9.js"
56
100
560
```

```
[Done] exited with code=0 in 0.172 seconds
```

