Code Snippets presented on the interview

Arithmetic as Logic	
Side A	Side B

```js
let array_1 = [1,2,3];
let array_2 = [2,3,2];
if(array_1.length - array_2.length){
    console.log(true);
}
else{
    console.log(false);
}
```

```js
let array_1 = [1,2,3];
let array_2 = [2,3,2];
if(array_1.length != array_2.length){
    console.log(true);
}
else{
    console.log(false);
}
```

Assignment as value	
Side A	Side B

```js
function resetSchedulerState () {
    let activatedChildren = {length: 10};
    let index = length = activatedChildren.
     length = 0;
    console.log(index);
}
resetSchedulerState();
```

```js
function resetSchedulerState () {
    let activatedChildren = {length: 10};
    activatedChildren.length = 0;
    let length = activatedChildren.length;
    let index = length;
    console.log(index);
}
resetSchedulerState();
```

Automatic Semicolon Insertion	
Side A	Side B
| ```javascript
function example(){
    return
        10
}
if(example() == 10){
    console.log(true);
}
else{
    console.log(false);
}
``` | ```javascript
function example(){
    return 10;
}
if(example() == 10){
    console.log(true);
}
else{
    console.log(false);
}
``` |
| Comma Operator | |
| Side A | Side B |
| ```javascript
let V1 = 5, V2 = 10;
V1 = (V2 = 1, 2);
console.log(V1+V2);
``` | ```javascript
let V1 = 5, V2 = 10;
V2 = 1;
V1 = 2;
console.log(V1+V2);
``` |

Ternary Operator	
Side A	Side B
``let config = {size: 3, isActive: false};
const _config = config.isActive === true ?
config : {size: 10};
console.log(_config.size);```	```let config = {size: 3, isActive: false}
let _config;
if(config.isActive === true){
_config = config;
}
else{
_config = {size: 10};
}
console.log(_config.size);```

Implicit Predicate	
Side A	Side B
``let V1 = 10, V2 = 3;
if (!(V1 % V2)){
console.log(true);
}
else{
console.log(false);
}```	```let V1 = 1, V2 = 2;
if ((V2 - V1) == 0){
console.log(true);
}
else{
console.log(false);
}```

Logic Control Flow	
Side A	Side B
``let V1 = 3;
let V2 = 5;
let V3 = 0;
while (V1 != V2 && ++V1) {
V3++;
}
console.log(V1 + V3);```	```let V1 = 1;
let V2 = 11;
let V3 = 0;
while (V1 != V2) {
V1++;
V3++;
}
console.log(V1+V3);```

Omitted Curly Braces & Indentation	
Side A	Side B
| ```js
let V1 = 1, V2 = 2
if (V1 > V2)
V2 = 1
V1 = 2
console.log(V2+V1)
``` | ```js
let V1 = 1, V2 = 2;
if (V1 > V2) {
  V2 = 1;
}
V1 = 2;
console.log(V2+V1);
``` |
| Post Increment | |
| Side A | Side B |
| ```js
let V1 = 0;
if (V1++ == 0) {
    console.log(true);
}
else {
    console.log(false);
}
``` | ```js
let V1 = 0;
if (V1 == 0) {
    console.log(true);
}
else {
    console.log(false);
}
V1 = V1 + 1;
``` |
| Pre Increment | |
| Side A | Side B |
| ```js
var index = 1;
while (++index < 10) {
    console.log(index);
    break;
}
``` | ```js
var index = 0;
index = index + 1;
while (index < 10) {
    console.log(index);
    index = index + 1;
    break;
}
``` |