

Assignment 7

Description:

1. Assume that you have the following JavaScript code:

Code - 1

```
const person = {  
    firstName: "Nick",  
    lastName: "Anderson",  
    age: 35,  
    sex: "M"  
}  
  
const { firstName: first, age, city = "Paris" } =  
person; // That's it !  
  
console.log(age)  
console.log(first)  
console.log(firstName)  
console.log(city)
```

Code - 2

```
let sum = (a, b) == {  
    let result = a + b;  
    return result;  
}  
  
let result1 = sum(5, 7);  
console.log(result1);
```

let's find the correct log for output?

Show the output for Code -1

2. Get the console log output of person?

Yes, after few changes.

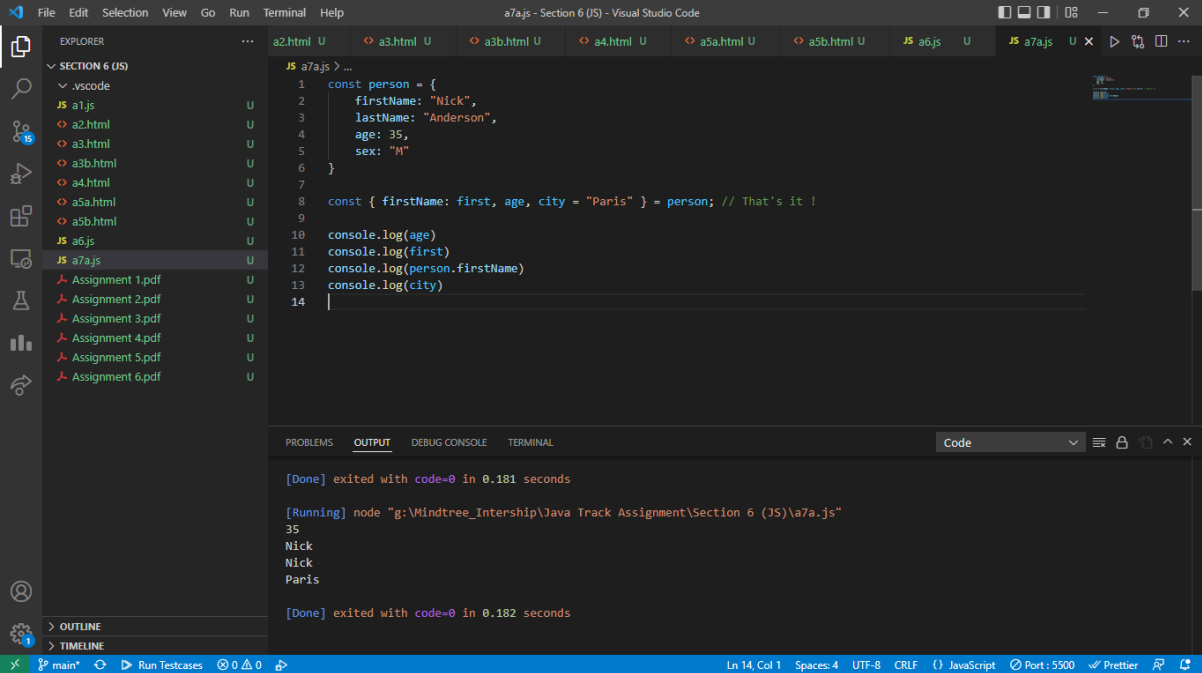
3. Using const can we define a variable in above code or not.

Yes

4. `firstName` is not able to get the log into console find out the correct code snap.

```
console.log(person.firstName)
```

Output:



The screenshot shows the Visual Studio Code editor with a file named `a7ajs.js` open. The code in the editor is as follows:

```
1 const person = {
2   firstName: "Nick",
3   lastName: "Anderson",
4   age: 35,
5   sex: "M"
6 }
7
8 const { firstName: first, age, city = "Paris" } = person; // That's it !
9
10 console.log(age)
11 console.log(first)
12 console.log(person.firstName)
13 console.log(city)
14
```

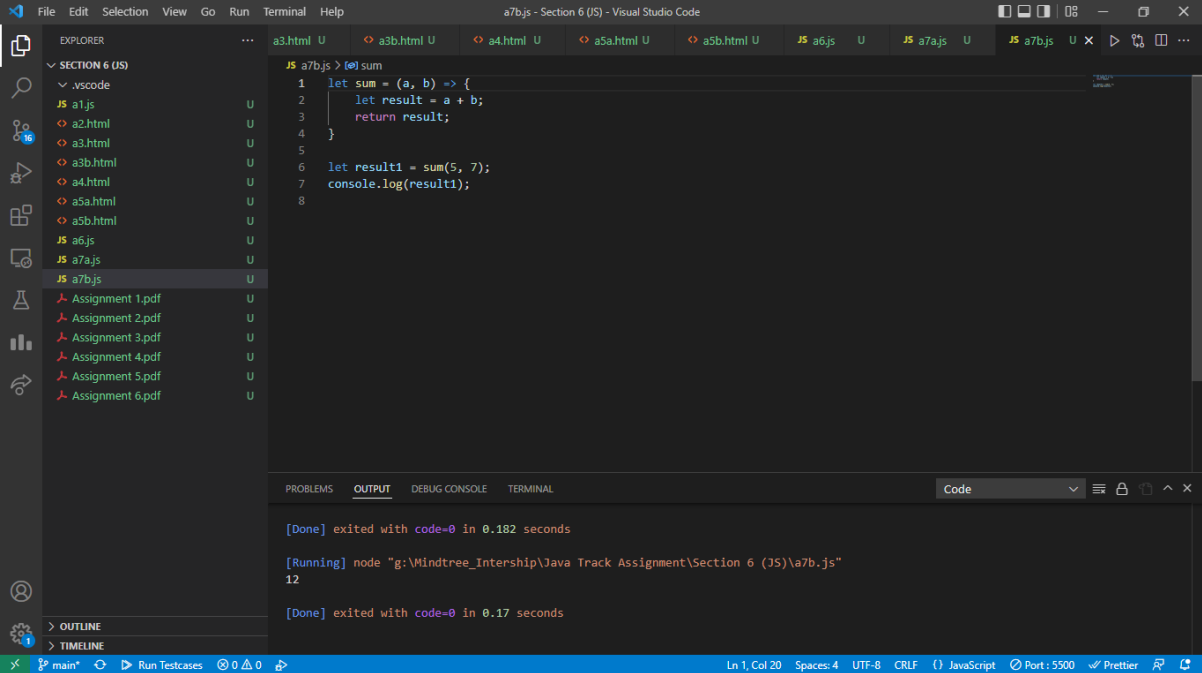
The terminal output shows the following:

```
[Done] exited with code=0 in 0.181 seconds

[Running] node "g:\Mindtree_Intership\Java Track Assignment\Section 6 (JS)\a7a.js"
35
Nick
Nick
Paris

[Done] exited with code=0 in 0.182 seconds
```

Show the output for Code -2



```
1 let sum = (a, b) => {
2   let result = a + b;
3   return result;
4 }
5
6 let result1 = sum(5, 7);
7 console.log(result1);
8
```

[Done] exited with code=0 in 0.182 seconds

[Running] node "g:\Windtree_Internship\Java Track Assignment\Section 6 (JS)\a7b.js"

12

[Done] exited with code=0 in 0.17 seconds

1. Get the console log output using arrow function if any code or syntax error.

Done

2. While implementing arrow function consider output should be 12.

YES

Performance Outcomes:

Upon successful completion of the assignment, the participant is well versed in

- A. User are able to create const and use with log and Destructuring Arrays and Objects.
- B. Knowledge to maintain the output value using log based on string.
- C. Use are able to use and know how the arrow function working style.