**Q1. What is higher order function?**

=>

Higher order is a function which take a function as a argument and return a new function.

It is used to wrapping a function in function and return new function as a result.

Example:

Function example()

{

Return function inline(a)

{

Console.log(a);

}

};

Function outer(10){};

Example(outer);

**Q2. What is IIFE and use of IIFE?**

=>

IIFE is immediately invoke function expression. It is also know as anonymous or self executing function.

It is defining and calling itself. It can provide protection to function.

It can execute only once.

Psudo syntax :

;( function () {} ) ();

Example :

;( function (p1)

{

Console.log(“something”,p1);

P1();

} ) (op);

**Q3. What is fat arrow function in ES6 with example?**

**=>**

Fat arrow is also know as arrow function.

It is introduced in ES6 and it is use to write code or function in shorter lines.

It is use => symbol to make code shorter.

Example:

Const arr = () => {

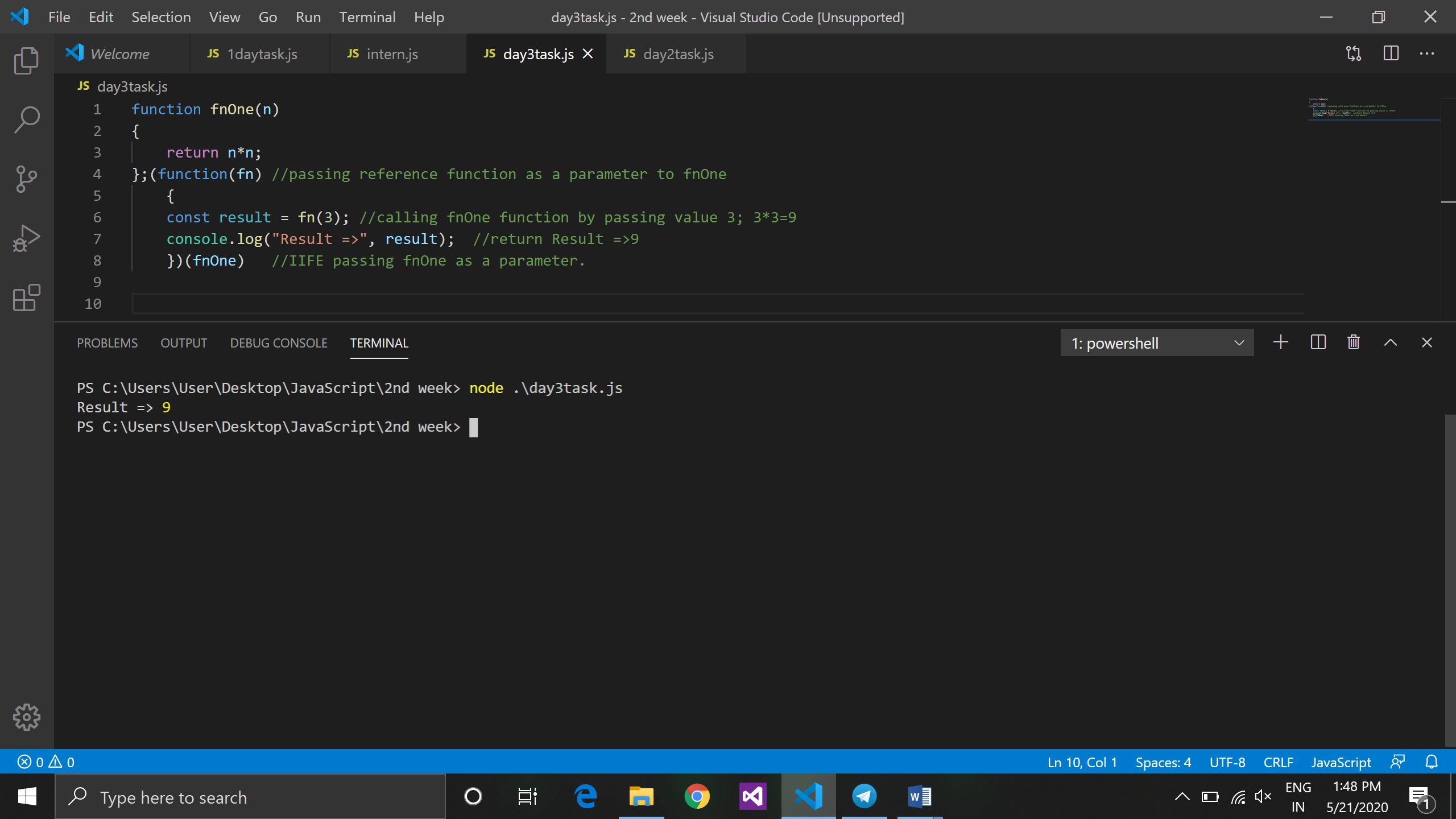
Return “arrow function”;

}

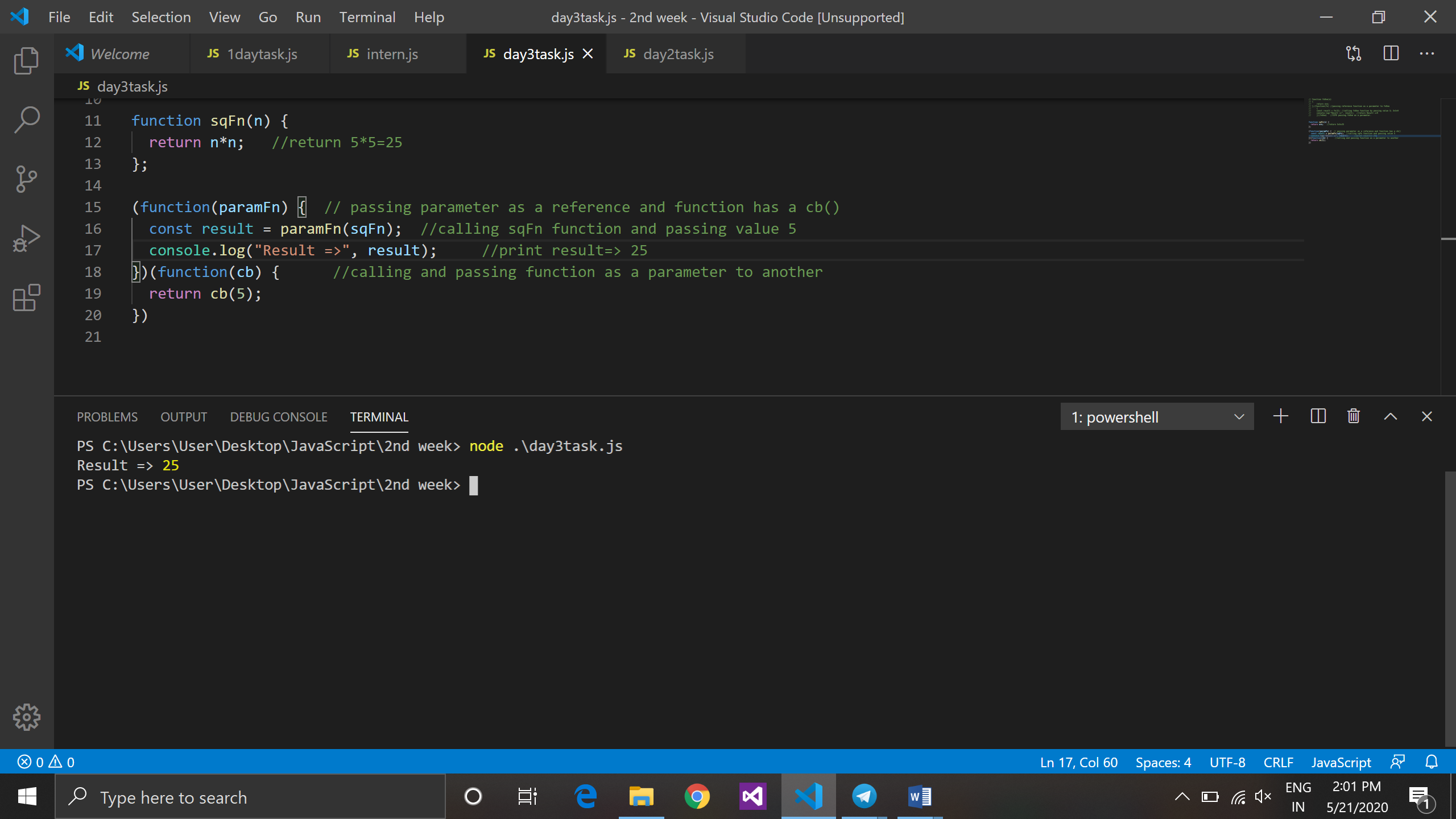
Const a = arr();

Console.log(a);

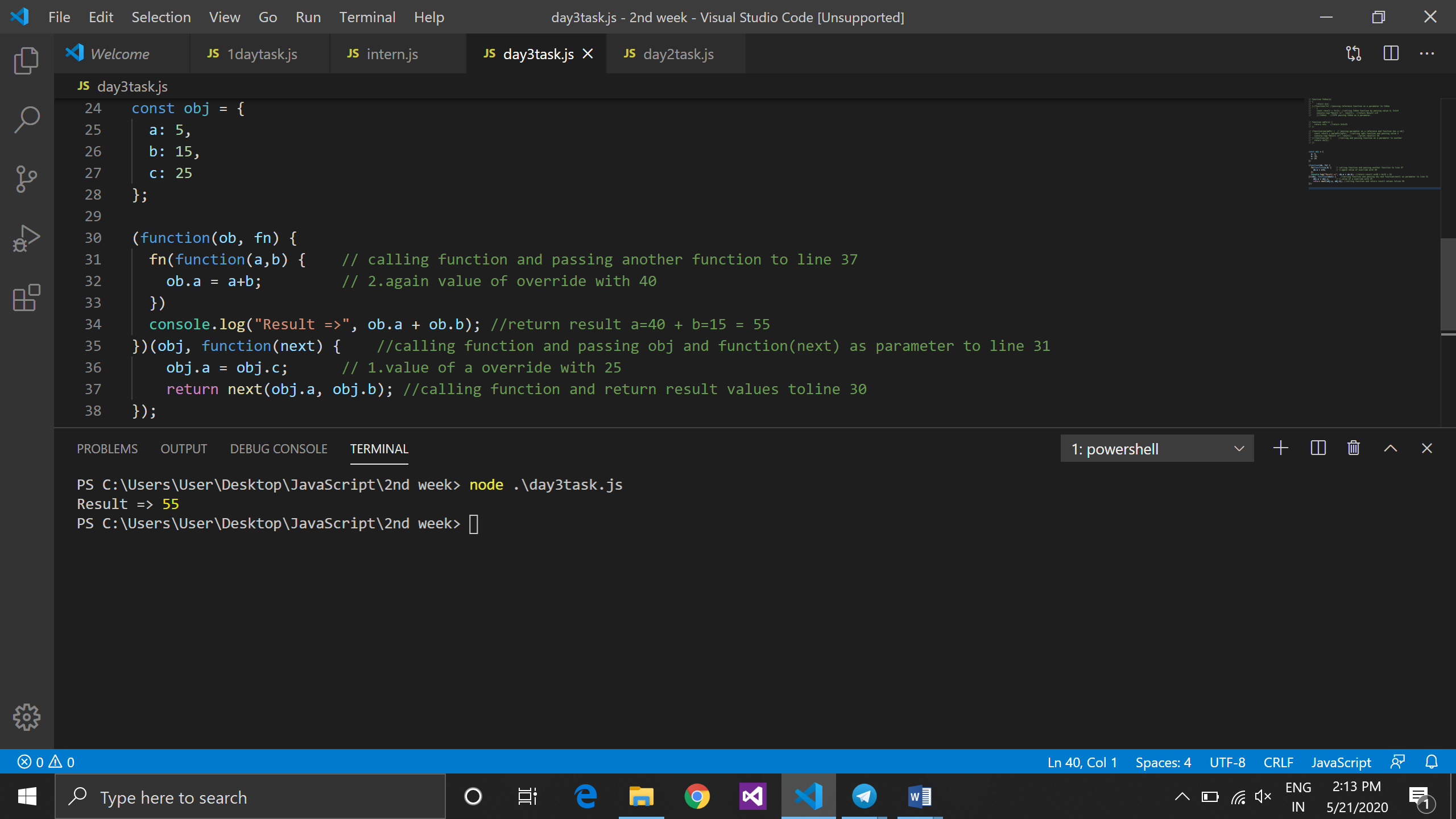
**Q4. What will be output of "Result" in below code and explain code execution flow.**



\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*



=================================

=================================

