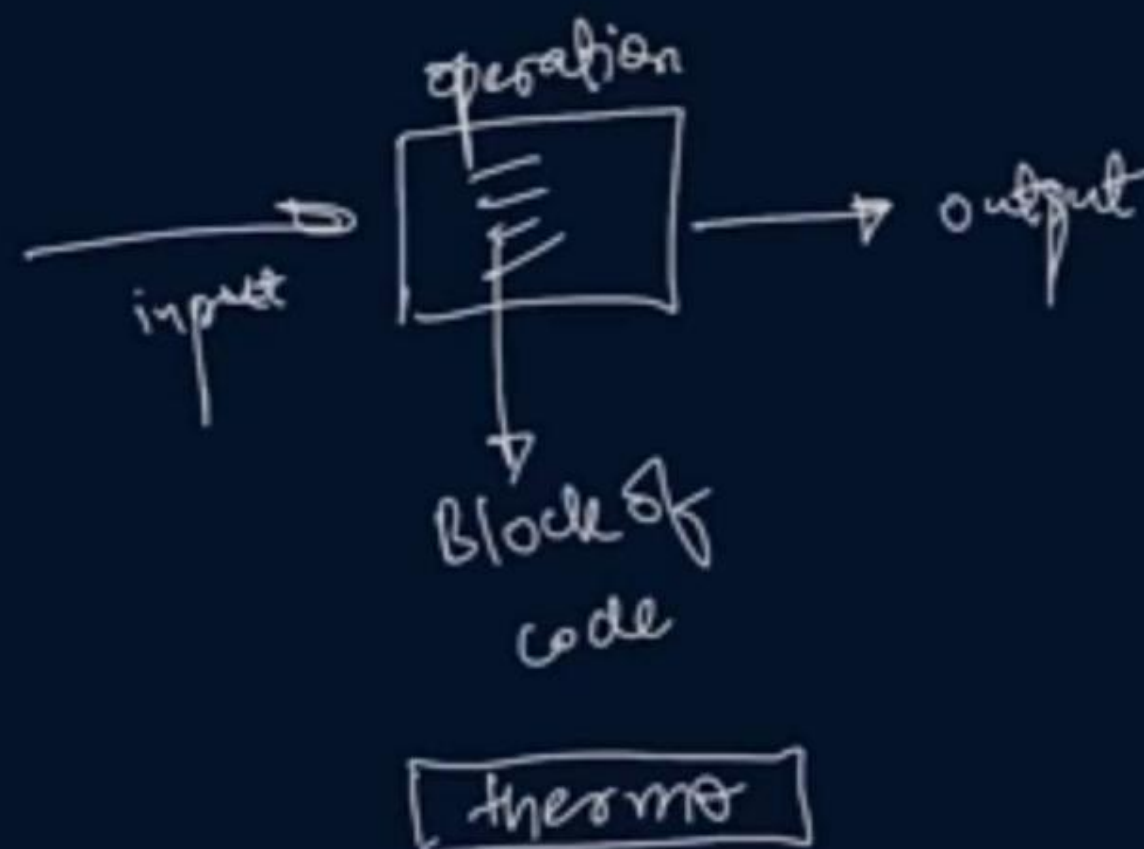


```
returnType functionName(type arg1, type arg2 .. ) {  
    //operations  
}
```



FUNCTIONS IN JAVA

```
returnType functionName(type arg1, type arg2 .. ) {  
    //operations  
}
```

int, float, string

```
returnType functionName(type arg1, type arg2 .. ){
    //operations
}
```

int, float, string, ... }

void → no return

int → integer type variable
float →

1. Print a given name in a function



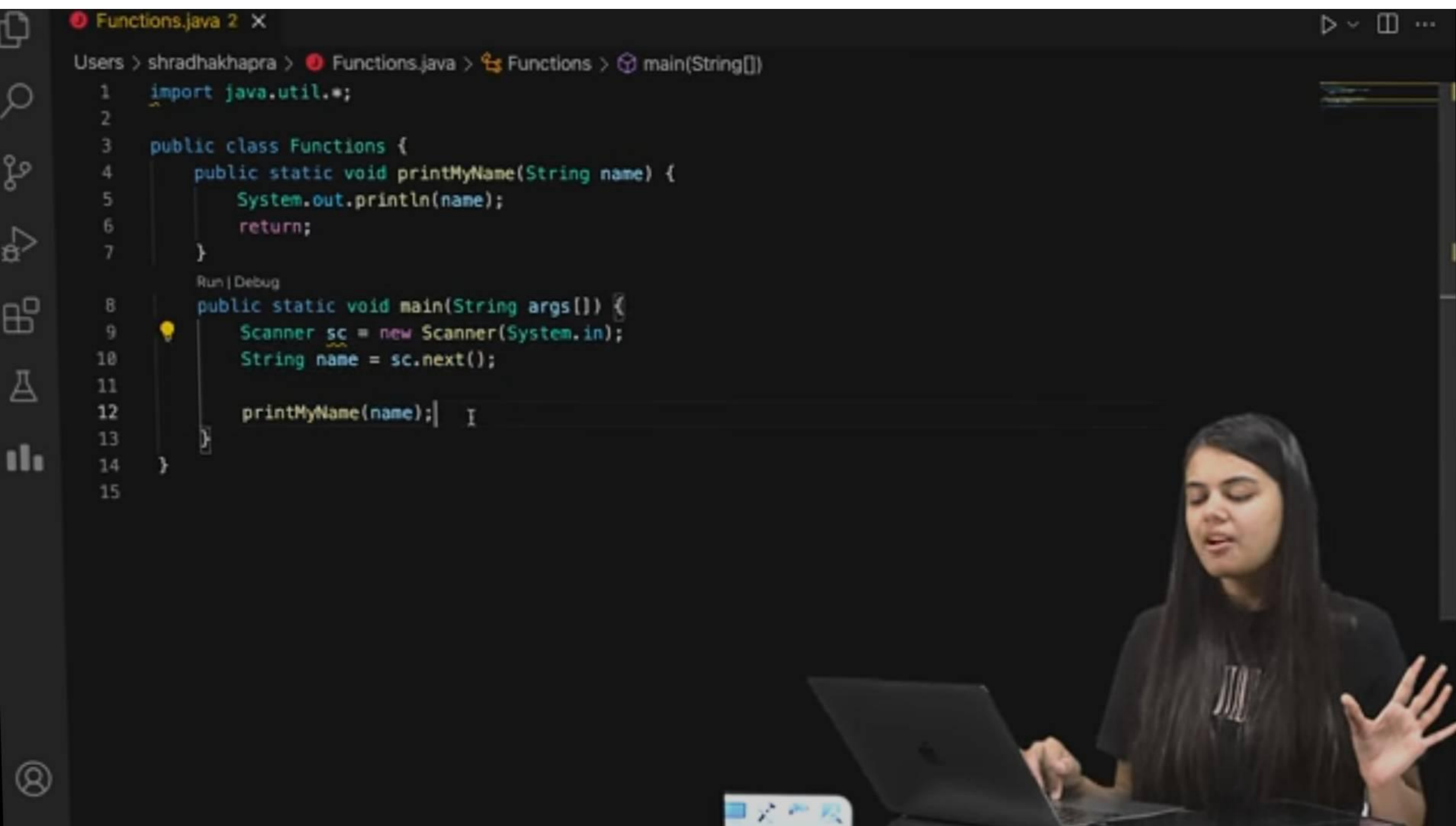
1. Print a given name in a function

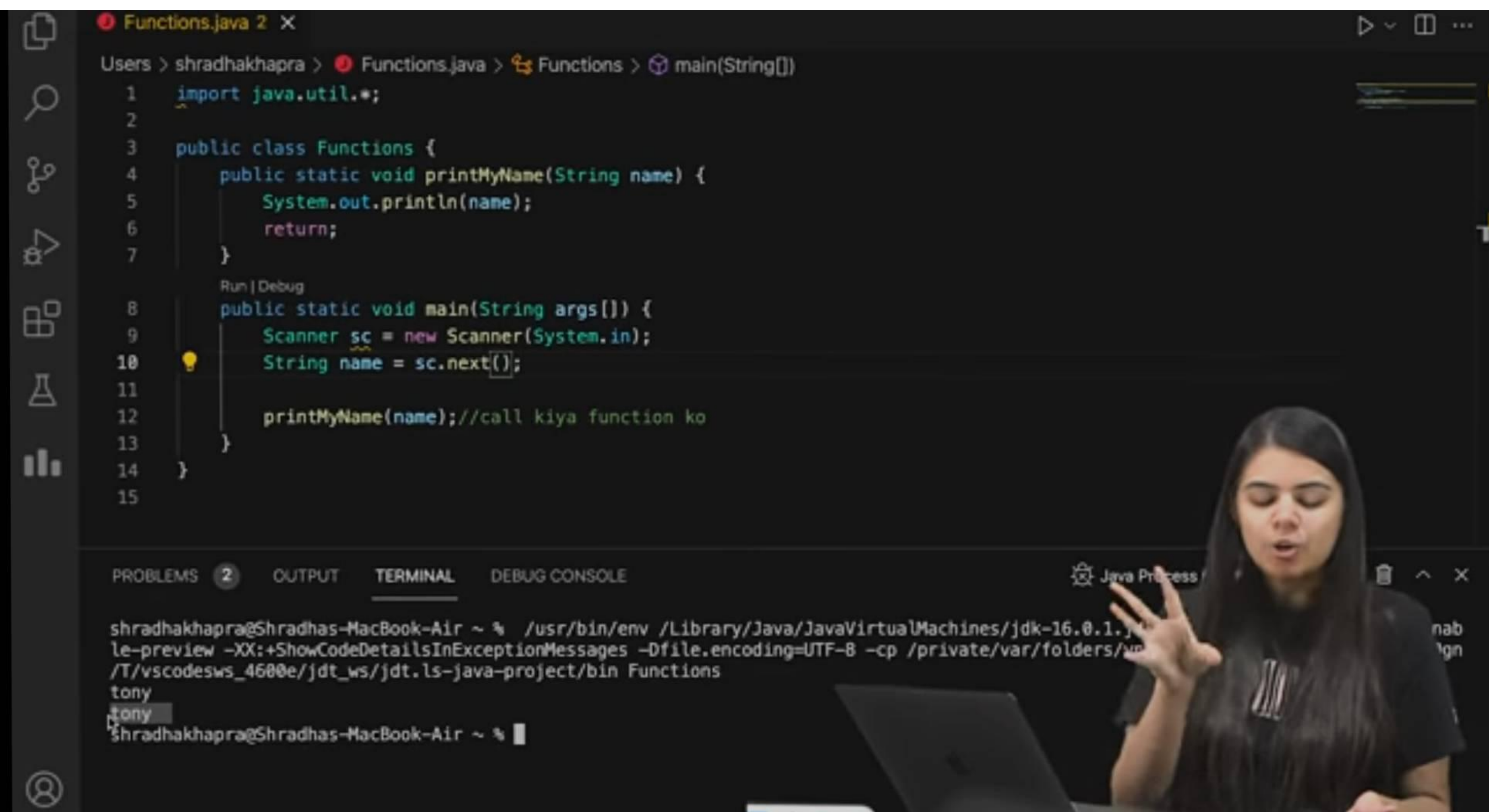
print my name
print_my_name
printMyName ✓ CamelCase
 ↓ ↓
 upper lower
↓
camel

1. Print a given name in a function

print my name
print_my_name → python
PrintMyName ✓ CamelCase
↓ ↓
upper lower

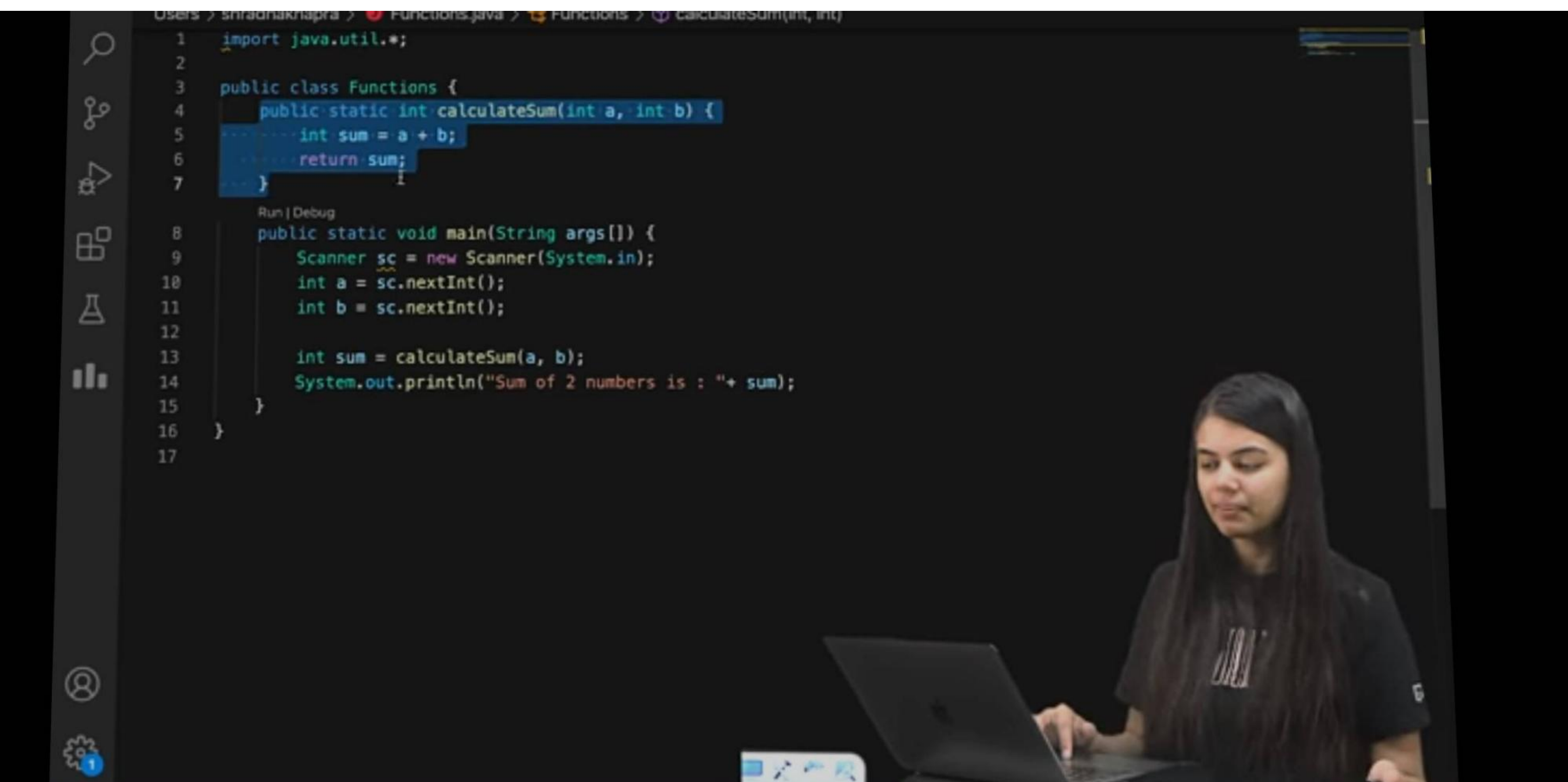






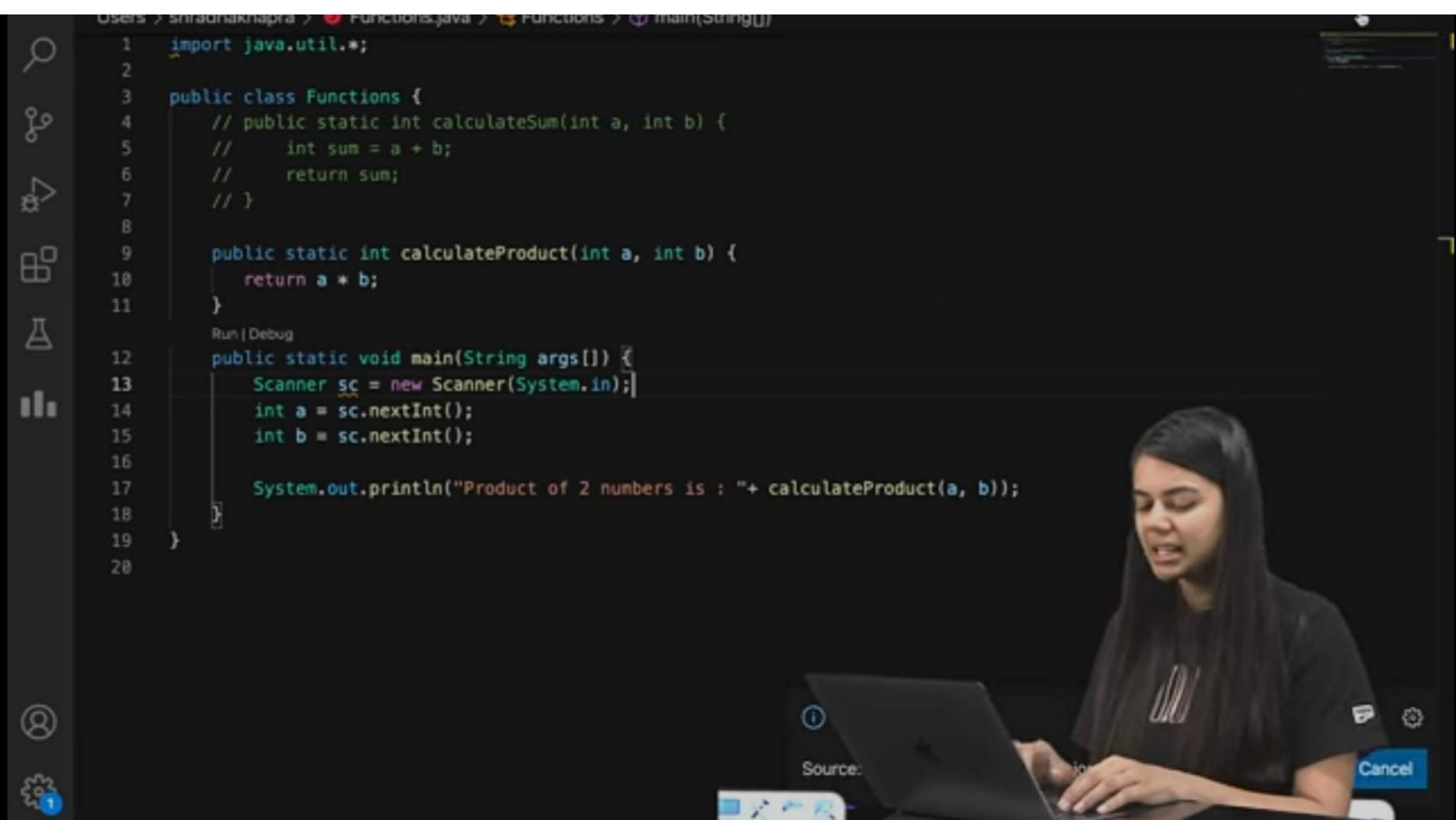
2. Make a function to add 2 numbers and return the sum.





3. Make a function to multiply 2 numbers and return the product.





4. Find the factorial of a number.

-ve number
x factorial

$$n! = n \times (n-1) \times (n-2) \times (n-3) \dots \times 1$$

$$0! = 1$$

$$1! = 1$$

$$2! = 2 \times 1 = 2$$

$$3! = 3 \times 2 \times 1 = 6$$

$$4! = 4 \times 3 \times 2 \times 1 = 24$$

$$5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$$

