

Using hints except Complete Solution is Penalty free now

Use Hint

Raw Problem

What will be the output of the following code?

```
class Main {
    static void fun(int[]arr) {
        arr[3] = 98;
        return;
    }

    public static void main(String args[]) {
        int[]arr = {10,20,30,40,50};
        fun(arr);
        System.out.println(arr[3]);
    }
}
```

Fact

Any method in JAVA can have a return statement.

→ Here, it just exits the method. Once **return** is executed, the rest of the code won't execute

→ Also, given the void type of method, the return statement isn't actually returning any value so it's not breaking any rules per say

It just exits the method at that point. Once **return** is executed, the rest of the code won't be executed.

eg.

```
public void test(int n) {
    if (n == 1) {
        return;
    }
    else if (n == 2) {
        doStuff();
        return;
    }
    doOtherStuff();
}
```

Note that the compiler is smart enough to tell you some code cannot be reached:

```
if (n == 3) {
    return;
    youWillGetAnError(); //compiler error here
}
```

Here's when it's problematic!

Answer

☐ 40

☐ 30

☒ 98

☐ Error