

# DAY-17(METHODS)

1

A Java method can have the same name as the class name.

☐ False

☒ True

**Correct**

## OUTPUT OF THE CODE

```
class Main {  
    int getArea(int side) {  
        return side * side;  
    }  
    public int getArea(int s1,int s2){  
        return s1*s2;  
    }  
    public static void main(String args[]) {  
        Main ob = new Main();  
        ob.getArea(2, 3);  
        ob.getArea(4);  
    }  
}
```

☐ code does not compile

☐ 16 6

☐ No Output

☒ 6 16

**Incorrect**

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Predict the output -

```
class Demo1 {  
    public int sum(int a,int b) {  
        return a + b;  
    }  
    public static void main(String args[]) {  
        sum(2, 3);  
    }  
}
```

- ☐ Runtime error
- ☐ 5.0
- ☐ 5
- ☒ The code does not compile.

**Correct**

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What is the return type of a method that does not return any value?

☐ float

☒ void

☐ double

☐ int

**Correct**

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What is the output of the following application?

```
public class Bond {  
    private static int price = 5;  
    public boolean sell() {  
        if(price<10) {  
            price++;  
            return true;  
        }else if(price>=10) {  
            return false;  
        }  
    }  
    public static void main(String[] cash) {  
        new Bond().sell();  
        new Bond().sell();  
        new Bond().sell();  
        System.out.print(price);  
    }  
}
```

☐ 8

☐ 5

☐ 6

☒ The code does not compile.

**Correct**