

# Basic Programming

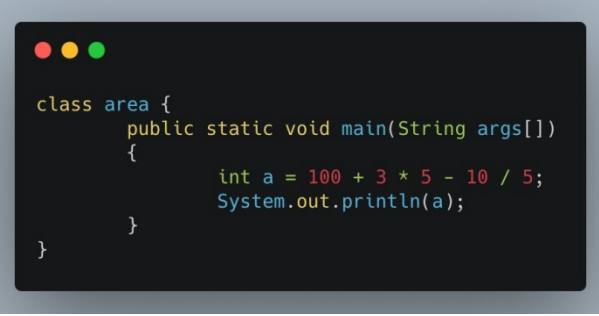
1. What is the data-type usually used in arithmetic operation?

**Answer :** Data-type usually used in arithmetic operation is INT: for integers  
FLOAT / DECIMAL: for numeric numbers

2. What is the data-type usually used in word and character?

**Answer :** Data-type usually used in word and character is STRING

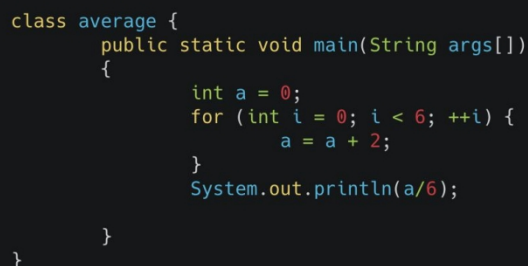
3. What is the output of code below



```
class area {  
    public static void main(String args[])  
    {  
        int a = 100 + 3 * 5 - 10 / 5;  
        System.out.println(a);  
    }  
}
```

**Answer :** Output of code below is 113

4. What is the output of code below



```
class average {  
    public static void main(String args[])  
    {  
        int a = 0;  
        for (int i = 0; i < 6; ++i) {  
            a = a + 2;  
        }  
        System.out.println(a/6);  
    }  
}
```

**Answer :** Output of code below is  $12/6 = 2$

5. What is the output of code below



```
public class Question3 {  
    public static void main(String[] args) {  
        String name, address;  
  
        name = "Jack Donovan";  
        address = "3566 Golden Street Miami";  
        System.out.println(address.replace(" ", ""));  
    }  
}
```

**Answer :** Output of code below is 3566GoldenStreetMiami

# Flaky Test

1. What is a flaky test?

**Answer** : Flaky test is a test that sometimes fails, but if you retry it enough times, it passes, eventually.

2. An element in a website is using ajax/javascript to show the data (processed as asynchronous). What do you do to test that element?

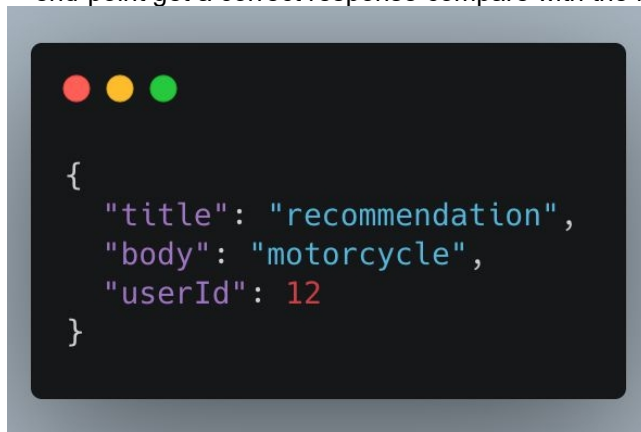
**Answer** : Using automation or scripts to make requests to javascript elements.

3. A website page can only be accessed with CAPTCHA. How do you test that page?

**Answer** : Use automation or bots to try to browse the CAPTCHAs on the website.

# Essay Question Topic

1. Create automation test script to test these end-point:
  - a. GET -> <https://jsonplaceholder.typicode.com/posts> -> To make sure this end-point have a correct data-type below:
    - userId -> Integer
    - id -> Integer
    - title -> String
    - body -> String
  - b. POST -> <https://jsonplaceholder.typicode.com/posts> -> To make sure this end-point get a correct response compare with the input data



2. Create automation test script to test 1 of these scenarios using Bukalapak website:
  - a. Register
  - b. Login
  - c. Add to Cart
  - d. Search Product

Answer :

3. Download this apk:  
<https://apkpure.com/sample-android-app-login-test/com.loginmodule.learning/download?from=details>  
Create and automation test (positive and negative)for apps with 1 of these scenarios:
  - a. Register
  - b. Login