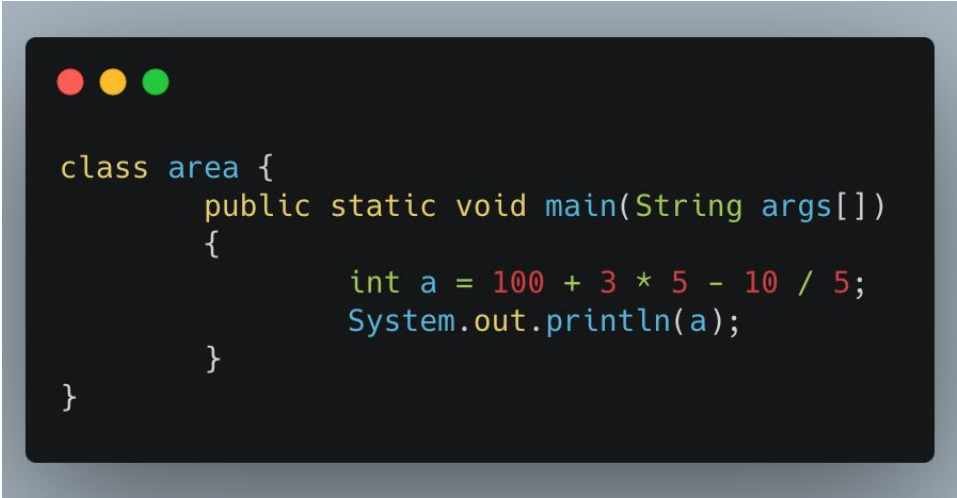# #Readme

1. Please answer the following questions in a separate document
2. Push all your answers to your github account
3. Invite these github accounts: @arsoedjono and @7etrahedral
4. Send an email informing that you have finished the test to ferina@bukalapak.com, cc genta.wibowo@bukalapak.com, aranda.rizki@bukalapak.com.
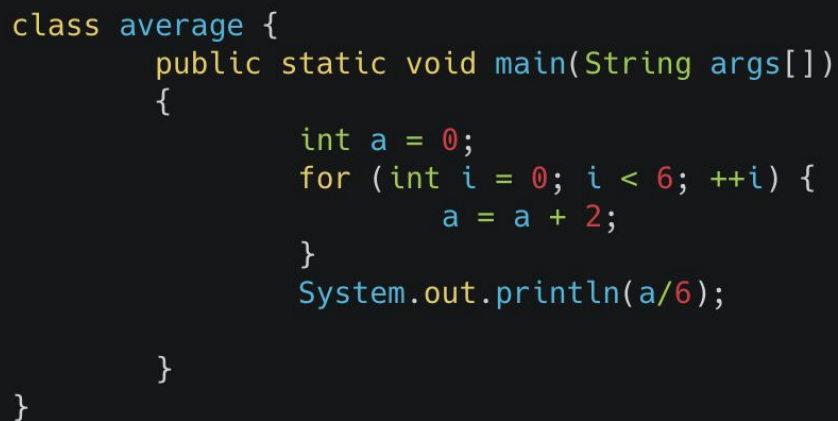
Basic Programming

1. What is the data-type usually used in arithmetic operation?
2. What is the data-type usually used in word and character?
3. What is the output of code below

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

4. What is the output of code below

```java
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);

        }
}
```

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(" ", ""));
    }
}
```
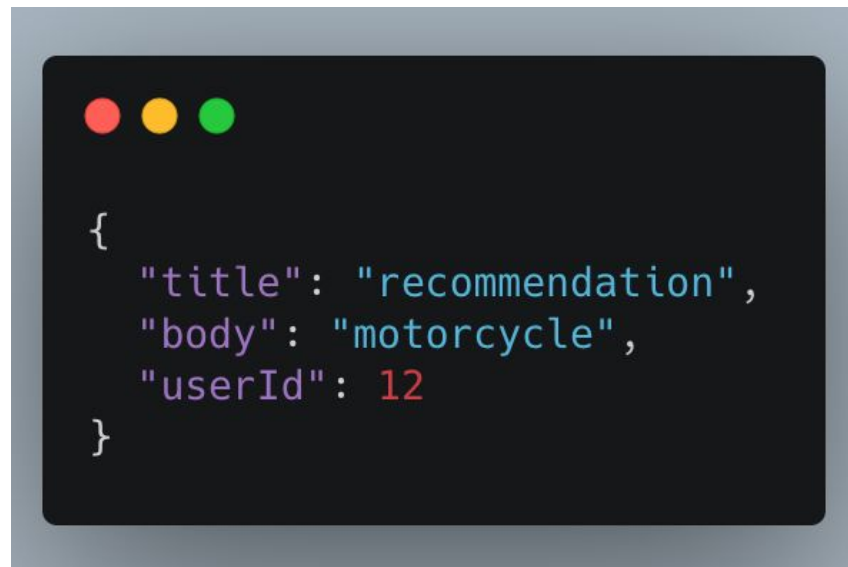
Flaky Test

1. What is a flaky test?
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?
3. A website page can only be accessed with CAPTCHA. How do you test that page?

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:

```
{
    "title": "recommendation",
    "body": "motorcycle",
    "userId": 12
}
```

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

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