**Basic Programming.**

**Question:**

**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

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

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(" ", ""));

    }

}

**Answer:**

1. 1. Character.

2. Numerik.

3. Boolean

1. In Character

1. Quotation mark ( ‘, ” ) for ecample: ‘\u123’

In Word

1. name, address

1. 113

**4**. 2

**5.** 3566GoldenStreetMiami

**Flaky Test.**

**Question:**

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?

**Answer:**

1. A flaky test is a test that both passes and fails periodically without any code changes. Flaky tests are definitely annoying but they can also be quite costly since they often require engineers to retrigger entire builds on CI and often waste a lot of time waiting for new builds to complete successfully.
2. Test it using automation testing software so that it can make it easier for me to test it.

**3.** By testing the system, testing is done to test the system, namely Black Box testing.

Testing User or employee acceptance tests.