Basic Programming :

1. What is the data-type usually used in arithmetic operation?
   Answer : integer
2. What is the data-type usually used in word and character?
   Answer : string
3. What is the output of code below
   Answer : 100 + (3*5) – (10/5) = 100 + 15 – 2 = **113**
4. What is the output of code below
   Answer : the calculation will have 5x of looping.
   Loop 1 -> 0 + 2 = 2
   Loop 2 -> 2 + 2 = 4
   Loop 3 -> 4 + 2 = 6
   Loop 4 -> 6 + 2 = 8
   Loop 5 -> 8 + 2 = 10
   a = 10
   10 / 6 = **1,666666666666667**
5. What is the output of code below
   Answer : 3566GoldenStreetMiami

Flaky Test :

1. Flaky test is the type of test that can have passed and fail result without any changes on the test. Frequency of the flaky test can't be undetermined and this can impact of the test confidence. Causes of the flaky test are mostly of incompetent assertion of the test, incomplete research of the test nature, and test that don't have much visibility of the dependencies.
2. Challenge for the test contain ajax/javascript is the time to load the data since it won't reload the page. Best way to handle this you can put pause method on the testcase, either set time to wait or timeout with specific seconds.
3. Captcha test is a little bit tricky but it depends on the testcases and type of the captcha. If the testcase is about to test other dependencies but the flow need to get through the captcha page, if optional, we can set bypass/disable captcha for user testing so the testcase won't get to the captcha page again.
   For the mandatory captcha case, we can set 1 function captcha to work on the specific user testing. Colaborate with the engineer team to develop 1 endpoint for testing to ease the test by API or title on the html to be called on the test UI.