Write an automation script using Selenium and Java to test the functionality of sending an email using your favourite email provider (Yahoo, Gmail etc.)

Please send us a link to your Git repo to [lifi@incubyte.co](mailto:lifi@incubyte.co) once you have committed the Selenuim (Java) automation of your test cases. Try using best practices and frameworks like BDD, Cucumber, Page Object Model etc. We wish to see the different scenarios that you can showcase based on the above problem statement.

We look forward to getting your assessment back! And if you have questions at any time, please feel free to send a message on the breakout room chat.

Looking forward to your response!

Good luck :)

============================Code with Selenium Java=================================

Import java.util.concurrent.TimeUnit;

Import org.openqa.selenium.By;

Import org.openqa.selenium.WebDriver;

Import org.openqa.selenium.WebElement;

Import org.openqa.selenium.firefox.FirefoxDriver;

Import org.openqa.selenium.support.ui.ExpectedConditions;

Import org.openqa.selenium.support.ui.WebDriverWait;

Public class Gmail {

Public static void main(String[] args) {

WebDriver driver=new FirefoxDriver();

Driver.manage().window().maximize();  
 String url=“<https://accounts.google.com/signin>”;

Driver.get(url);

Driver.findElement(By.id(“identifierId”)).sendKeys(“aba123”);

Driver.manage().timeouts().implicitlywait(20, TimeUnit.SECOUNDS);

WebDriverWait wait=new WebDriverWait(driver, 20);

Driver.findElement(By.xpath(“//span[@class=’RveJvd snByac’]”)).click();

Driver.manage().timeouts().implicitlywait(50, TimeUnit.SECONDS);

Driver.findElement(By.xpath(“//input[@class=’whsOnd zHQkBf’]”)).sendKeys(“Abc@123”);

Driver.findElement(By.xpath(“//span[@class=’’RveJvd snByac’]”)).click();

}

}

==========================Code with RPA tool Automation Anywhere=====================

As there are 500+ commands are available on automation anywhere tool which RPA tool

We can do this functionality in much easier way than Selenium

1. Create the Bot
2. Double click on ‘Send Email’ command
3. Fill details in dialog box
   1. From Address:
   2. To Address:
   3. Cc Address:
   4. Subject line:
   5. Attachment:
   6. Message:
4. Save the command
5. Run the bot/task

Email setting should be correct which is as follows:

1. Go Dashboard
2. Click Options
   1. Click On Email Settings
   2. Enter host name: smtp.gmail.com
   3. Enter port number: 465
   4. Enter username: abc@gmail.com
   5. Enter password: Abc@123
   6. Keep selected check box of “server used secure connections” & “server require authentication”
   7. Apply changes

**Note**:

RPA (Robotic process automation)

This is latest technology by which user can handle number of works easily and it requires less coding knowledge and can perform task in less time, so most of the company is adapting RPA

As it has 500+ command we can perform most of the actions by RPA

Eg. Excel, Optical Character recognition, Image Recognition, PDF, Terminal emulator, mail handling, error handling, SQL and many more