Ques 1) Suppose in the application while login it is asking the security questions, every time while login it is asking different question  how can we handle it un selenium with java

Step-by-Step Solution:

1. Wait for the security question element to be visible.

2. Capture the question text using Selenium.

3. Match the question with known questions using if-else or a HashMap.

4. Enter the correct answer in the input field.

5. Proceed with the login.

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| Sample Code:    // Step 1: Wait for the security question to appear  WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));  WebElement questionElement = wait.until(ExpectedConditions.visibilityOfElementLocated([By.id](http://By.id)("securityQuestion")));    // Step 2: Get the question text  String questionText = questionElement.getText();    // Step 3: Map of questions and their answers  Map<String, String> questionAnswerMap = new HashMap<>();  questionAnswerMap.put("What is your pet's name?", "Tommy");  questionAnswerMap.put("What is your mother's maiden name?", "Smith");  questionAnswerMap.put("What was your first school?", "Greenwood");    // Step 4: Find the answer for the displayed question  String answer = questionAnswerMap.get(questionText);    // Step 5: Enter the answer and submit  WebElement answerField = driver.findElement([By.id](http://By.id)("securityAnswer"));  answerField.sendKeys(answer);    WebElement submitButton = driver.findElement([By.id](http://By.id)("submitButton"));  [submitButton.click](http://submitButton.click)(); |