1. GfgLoginTest.java

```java
package com.testin;

import org.testng.annotations.Test;
import org.testng.annotations.BeforeMethod;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterMethod;

public class GfgLoginTest {
 @Test
 public void gfgLoginTest() {
        //wd.get("https://www.google.com");
        wd.get("https://www.geeksforgeeks.org");
        wd.manage().window().maximize();
        wd.manage().timeouts().implicitlyWait(Duration.ofMinutes(2));
      // WebElement textFieldRef = wd.findElement(By.name("q"));
       //textFieldRef.sendKeys("What is testing");
            //WebElement buttonRef = wd.findElement(By.name("btnK"));
            //buttonRef.click();

        WebElement emailIdRef=wd.findElement(By.id("luser"));
        WebElement passwordRef=wd.findElement(By.id("password"));

        emailIdRef.sendKeys("susarlasaveri@gmail.com");
        passwordRef.sendKeys("Saveri@123");
        WebElement ButtonRef=wd.findElement(By.className("btn btn-green signin-button"));
            ButtonRef.sendKeys(Keys.ENTER);
            try {
                    Thread.sleep(5000);
            } catch (Exception e) {
                    // TODO: handle exception
            }
            wd.navigate().back();
 }

        WebDriver wd;
```

```java
        @BeforeMethod
        public void beforeMethod() {
                System.setProperty("webdriver.chrome.driver",
"C:\\Users\\Admin\\Desktop\\Saveri\\Java\\chromedriver_win32\\chromedriver.exe");
            wd=new ChromeDriver();
        }

 @AfterMethod
 public void afterMethod() {
 }

}
```

2. GfgSignUpTest.java

```java
package com.testin;

import org.testng.annotations.Test;
import org.testng.annotations.BeforeMethod;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterMethod;

public class GfgSignUpTest {
 @Test
 public void gfgSignUpTest() {
        //wd.get("https://www.google.com");
        wd.get("https://www.geeksforgeeks.org");
        wd.manage().window().maximize();
        wd.manage().timeouts().implicitlyWait(Duration.ofMinutes(2));
       // WebElement textFieldRef = wd.findElement(By.name("q"));
       //textFieldRef.sendKeys("What is testing");
            //WebElement buttonRef = wd.findElement(By.name("btnK"));
            //buttonRef.click();

        WebElement emailIdRef=wd.findElement(By.id("email"));
```

```java
        WebElement passwordRef=wd.findElement(By.id("reg-password"));
        WebElement Institute=wd.findElement(By.id("organization"));

        emailIdRef.sendKeys("susarlasaveri@gmail.com");
        passwordRef.sendKeys("Saveri@123");
        Institute.sendKeys("PES University");
        WebElement ButtonRef=wd.findElement(By.className("btn btn-green
signup-button"));
                ButtonRef.sendKeys(Keys.ENTER);
                try {
                        Thread.sleep(5000);
                } catch (Exception e) {
                        // TODO: handle exception
                }
                wd.navigate().back();
  }


        WebDriver wd;

        @BeforeMethod
        public void beforeMethod() {
                System.setProperty("webdriver.chrome.driver",
"C:\\Users\\Admin\\Desktop\\Saveri\\Java\\chromedriver_win32\\chromedriver.exe");
            wd=new ChromeDriver();
        }

  @AfterMethod
  public void afterMethod() {
  }

}
```

3. Pom.xml

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>MyProjects</groupId>
  <artifactId>AutomationWebsiteUsingSeleniumAndTestNG</artifactId>
  <version>0.0.1-SNAPSHOT</version>
```

```xml
  <properties>
    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    <maven.compiler.source>1.8</maven.compiler.source>
    <maven.compiler.target>1.8</maven.compiler.target>
  </properties>

  <dependencies>
  <dependency>
        <groupId>org.seleniumhq.selenium</groupId>
              <artifactId>selenium-java</artifactId>
        <version>4.2.1</version>
</dependency>

        <dependency>
    <groupId>org.testng</groupId>
    <artifactId>testng</artifactId>
    <version>7.5</version>
    <scope>test</scope>
</dependency>

  </dependencies>
</project>
```