**package** Admin\_1;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** Performance\_1.BeforeTes;

**import** junit.framework.~~Assert~~;

**import** junit.framework.Test;

**public** **class** Usermngmen {

WebDriver driver;

String url = "https://opensource-demo.orangehrmlive.com/web/index.php/auth/login";

@SuppressWarnings("deprecation")

@BeforeTes

**public** **void** launch() {

System.*setProperty*("webdriver.chrome.driver",

"C:\\Users\\Sreen\\OneDrive\\Documents\\QA\\Selenium\\chromedriver\_win32\\chromedriver.exe");

driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

driver.manage().timeouts().~~implicitlyWait~~(15, TimeUnit.***SECONDS***);

driver.findElement(By.*name*("username")).sendKeys("Admin");

driver.findElement(By.*name*("password")).sendKeys("admin123");

driver.findElement(By.*xpath*("/html/body/div/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]/button")).click();

driver.findElement(By.*xpath*("/html/body/div/div[1]/div[1]/aside/nav/div[2]/ul/li[1]/a")).click();

driver.findElement(By.*xpath*("/html/body/div/div[1]/div[1]/header/div[2]/nav/ul/li[1]/span")).click();

}

@BeforeTes

**public** **void** Usermngment() {

driver.findElement(By.*xpath*("/html/body/div/div[1]/div[1]/aside/nav/div[2]/ul/li[1]/a")).click();

driver.findElement(By.*xpath*("/html/body/div/div[1]/div[1]/header/div[2]/nav/ul/li[1]/span")).click();

}

@Test(priority = 1) **public** **void** TC001() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  WebElement umpage = driver    .findElement(By.xpath("/html/body/div/div[1]/div[1]/header/div[1]/div[1]/span/h6[2]"));

Assert.assertTrue(umpage.isDisplayed(), "Test Failed, driver is not navigated to User manangement page");

 }

 @Test(priority = 2) **public** **void** TC002() {

  driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

  WebElement username = driver.findElement(By.xpath( "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[1]/div/div[2]/input"));

username.sendKeys("Admin");  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[2]/button[2]"))    .click();

  WebElement l1 = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]/div"));

Assert.assertTrue(l1.isDisplayed(), "Test Failed, Unable to search with user name");

 }

 @Test(priority = 3) **public** **void** TC003() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[2]/div/div[2]/div/div/div[2]/i"))    .click();

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[2]/div/div[2]/div/div/div[1]"))    .click();

  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[2]/button[2]"))    .click();

  WebElement l = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]"));

  Assert.assertTrue(l.isDisplayed(), "Test Failed, Unable to search with Role name");

 }

 @Test(priority = 4) **public** **void** TC004() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[3]/div/div[2]/div/div/input"))    .sendKeys("Paul Collings");

driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[2]/button[2]"))    .click();

WebElement l = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]"));

  Assert.assertTrue(l.isDisplayed(), "Test Failed, Unable to search with Employee name");

 }

 @Test(priority = 5) **public** **void** TC005() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[4]/div/div[2]/div/div/div[2]"))    .click();

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[4]/div/div[2]/div/div/div[1]"))    .click();

driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[2]/button[2]"))    .click();

WebElement l = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]"));

  Assert.assertTrue(l.isDisplayed(), "Test Failed, Unable to search with Employement Status");

 }

 @Test(priority = 6) **public** **void** TC006() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  WebElement l = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]"));

Assert.assertTrue(l.isDisplayed(), "Test Failed, List of employees is not displayed");

 }

 @Test(priority = 7) **public** **void** TC007() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]/div/div[2]/div[3]/div/div[6]/div/button[1]"))    .click();

driver.findElement(By.xpath("/html/body/div/div[3]/div/div/div/div[3]/button[2]")).click();

 }

 @Test(priority = 8) **public** **void** TC008() {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]/div/div[2]/div[3]/div/div[6]/div/button[2]"))    .click();

  driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[2]/div/div[2]/div/div/input"))    .clear();

driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[2]/div/div[2]/div/div/input"))    .sendKeys("pavan chavan");

driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[4]/div/div[2]/input"))    .clear();

driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[4]/div/div[2]/input"))  By  .sendKeys("chavanpavan161@gmail.com");

  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[2]/button[2]")).click();

 }

 @Test(priority = 9) **public** **void** TC009() **throws** Exception {

  driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

  driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]/div/div[2]/div[4]/div/div[1]/div/div/label/span/i"))    .click();

  Thread.sleep(3000);

  Assert.assertTrue(driver.findElement(By.xpath(    "/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[3]/div/div[2]/div[4]/div/div[1]/div/div/label/span/i"))    .isSelected(),

"Test Failed, user is not able to select user");

 }

 @Test(priority = 10) **public** **void** TC010() {

  List<String> userList = **new** ArrayList<String>();

List<WebElement> userElements = driver.findElements(By.xpath("//table[@id='resultTable']/tbody/tr/td[2]/a"));

**for** (WebElement userElement : userElements) {   userList.add(userElement.getText());  }

  List<String> sortedUserList = **new** ArrayList<String>(userList);

  Collections.sort(sortedUserList);

  Assert.assertEquals(userList, sortedUserList, "The user list is not sorted alphabetically.");

 }

 @Test(priority = 11) **public** **void** TC011() {

  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[1]/button")).click();

WebElement adusr = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/h6"));

  Assert.assertTrue(adusr.isDisplayed(), "Test Failed, user is not able to see add user form");

 }

 @Test(priority = 12) **public** **void** TC012() {

  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[1]/button")).click();

  WebElement userrole = driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[1]/div/div[2]/div/div"));

  WebElement employeename = driver.findElement(By    .xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[2]/div/div[2]/div/div/input"));

WebElement status = driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[3]/div/div[2]/div/div"));

username = driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[4]/div/div[2]/input"));

WebElement paswrd = driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[2]/div/div[1]/div/div[2]/input"));

  WebElement cnfrmpaswrd = driver.findElement(    By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[2]/div/div[2]/div/div[2]/input"));

WebElement submit = driver    .findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[3]/button[2]"));

  WebElement cancel = driver    .findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[3]/button[1]"));

  Assert.assertTrue(employeename.isDisplayed(), "Employee Name input box is not visible");

  Assert.assertTrue(username.isDisplayed(), "Username input box is not visible");

Assert.assertTrue(paswrd.isDisplayed(), "Password input box is not visible");

  Assert.assertTrue(cnfrmpaswrd.isDisplayed(), "Confirm Password input box is not visible");

Assert.assertTrue(submit.isDisplayed(), "Save button is not visible");

Assert.assertTrue(cancel.isDisplayed(), "Cancel button is not visible");

Assert.assertTrue(userrole.isDisplayed(), "User Role dropdown is not visible");

Assert.assertTrue(status.isDisplayed(), "Status dropdown is not visible");

  Assert.assertTrue(employeename.isEnabled(), "Employee Name input box is disabled");

  Assert.assertTrue(username.isEnabled(), "Username input box is disabled");

Assert.assertTrue(paswrd.isEnabled(), "Password input box is disabled");

Assert.assertTrue(cnfrmpaswrd.isEnabled(), "Confirm Password input box is disabled");

Assert.assertTrue(submit.isEnabled(), "Save button is disabled");

Assert.assertTrue(cancel.isEnabled(), "Cancel button is disabled");

Assert.assertTrue(userrole.isEnabled(), "User Role dropdown is disabled");

  Assert.assertTrue(status.isEnabled(), "Status dropdown is disabled");

 }

 @Test(priority = 13) **public** **void** TC013() {

  driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div[2]/div[1]/button")).click();

driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[3]/button[2]")).click();

WebElement errormsg = driver    .findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/form/div[1]/div/div[1]/div/span"));

  Assert.assertTrue(errormsg.isDisplayed(),    "Test failed, user is able to add user without filling required field");

 }

 @AfterTest **public** **void** Close()

{  driver.close();

 }

}