public class SeleniumCode{

public static void main(String [] args)

{

WebDriver webDriver=new FirefoxDriver();

webDriver.navigate().to("http://example.com/some/page");

//*simplified:find table which contains the keyword*

WebElement tableElement=webDriver.findElement(By.xpath(“("//table[contains(text(), 'Username')]")”));

|  |
| --- |
| // *create empty table object and iterate through all rows of the found table element* |
| ArrayList<HashMap<String, WebElement>> userTable = new ArrayList<HashMap<String, WebElement>>(); |
| ArrayList<WebElement> rowElements = tableElement.findElements(By.xpath(".//tr")); |
|  |
| // *get column names of table from table headers* |
| ArrayList<String> columnNames = new ArrayList<String>(); |
| ArrayList<WebElement> headerElements = rowElements.get(0).findElements(By.xpath(".//th")); |
| for (WebElement headerElement: headerElements) { |
| columnNames.add(headerElement.getText()); |
| } |
|  |
| // *iterate through all rows and add their content to table array* |
| for (WebElement rowElement: rowElements) { |
| HashMap<String, WebElement> row = new HashMap<String, WebElement>(); |
|  |
| // *add table cells to current row* |
| int columnIndex = 0; |
| ArrayList<WebElement> cellElements = rowElement.findElements(By.xpath(".//td")); |
| for (WebElement cellElement: cellElements) { |
| row.put(columnNames.get(columnIndex), cellElement); |
| columnIndex++; |
| } |
|  |
| userTable.add(row); |
| } |
|  |
| // *finally fetch the desired data* |

WebElement cellInSecondRowFourthColumn= userTable.get(1).get(“Email”);

}

}