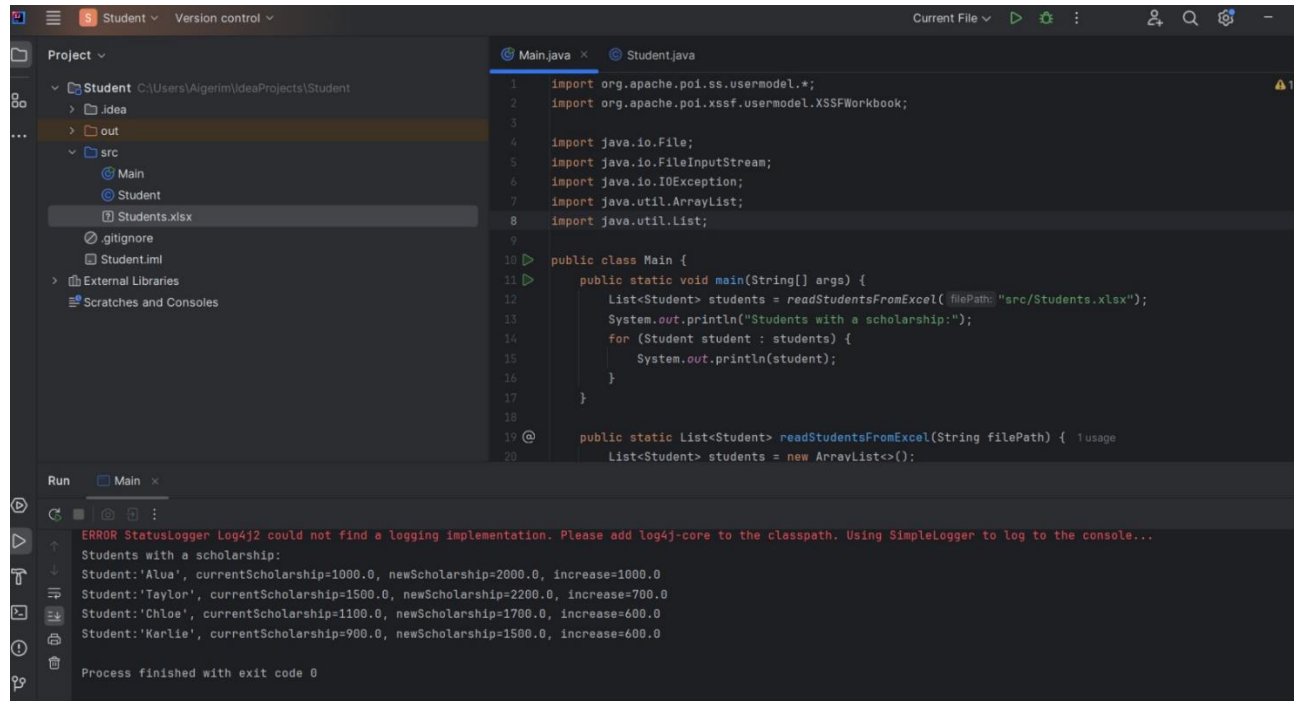


Practice 12



```
List<Student> students = readStudentsFromExcel("src/Students.xlsx");
```

It helps to read info about students ,from an Excel file and stores the results in a list.

```
public static List<Student> readStudentsFromExcel(String filePath)
```

It reads data from the Excel file and returns a list of students.

```
List<Student> students = new ArrayList<>();
```

Creates our Student list

```
try (FileInputStream fis = new FileInputStream(new File(filePath)); Workbook workbook = new  
XSSFWorkbook(fiss)
```

It will open our file and read it like a workbook.

```
Sheet sheet = workbook.getSheetAt(0);
```

Gets the first sheet in the Excel file

for (Row row : sheet) -Loops through all the rows in the sheet.

```
String name = row.getCell(0).getStringCellValue();
```

Gets student's name from 1st column

```
double currentScholarship = row.getCell(1).getNumericCellValue();
```

gets current scholarship from 2nd column.

```
double newScholarship = row.getCell(2).getNumericCellValue();
```

gets the updated version from 3rd column.

```
students.add(new Student(name, currentScholarship, newScholarship));
```

Creates a new Student object with this data and adds it to the list.