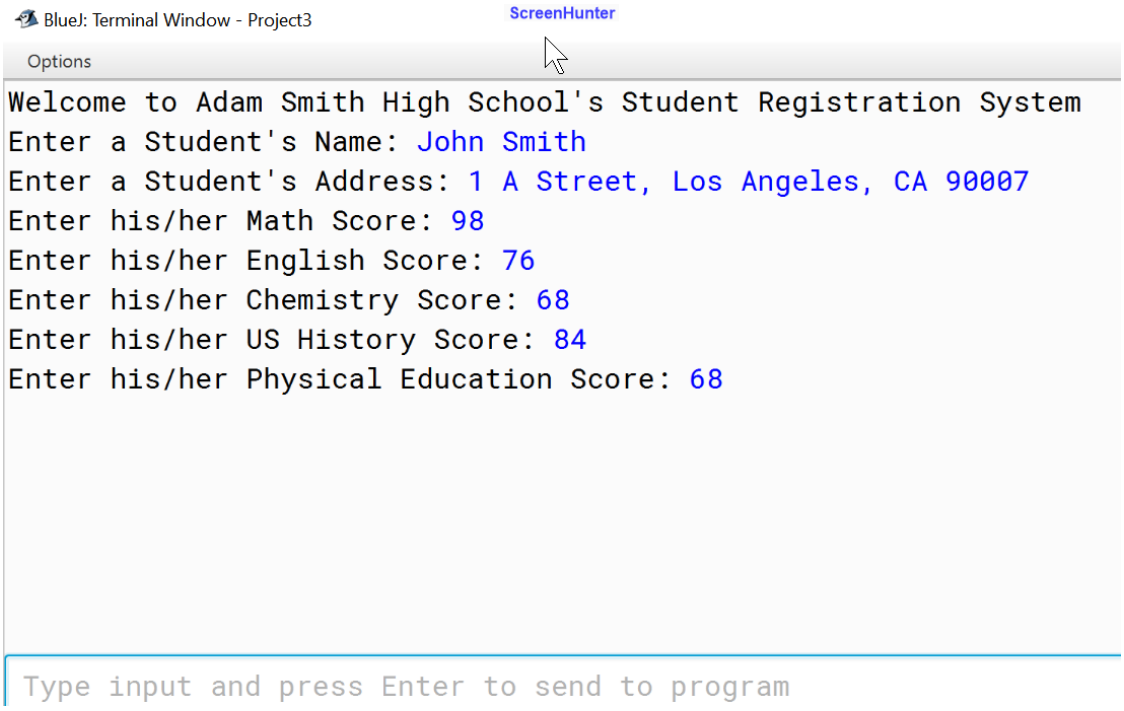
CS 21 Introduction to Java Programming:

Project 3:

1. Please design a student registration system for **Adam Smith** High School.

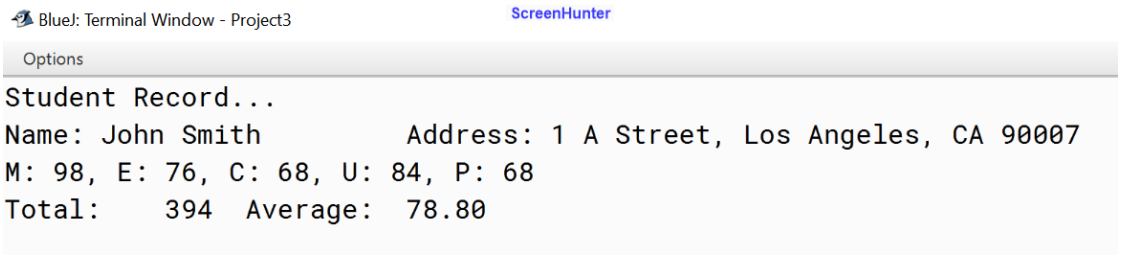
   Create a class named **Student**

   The input page is like the following (Input from Terminal (console Systen.in)):



   Calculate the total score for the semester and the average score.

   Then, you should have print out like this (On the screen):



   (Part 2 on the next page. Read information from file and output to a file.)

2. Now, Create a class named StudentFile (StudentFile.java)
   First, you need to import the following modules:

```
import java.util.Scanner;
import java.io.File;
import java.io.PrintWriter;
```

Don't forget the arrange the program with throws Exception for file input and output.

```
public class StudentFile
{
    public static void main(String[] args) throws Exception {
        System.out.print("\f");
        File f = new File("studentin.txt");
        Scanner in = new Scanner(f);
```

Then, read in the studentin.txt file with the following data:

Tom Cat
2 B Street, Los Angeles, CA 90007
76 84 93 60 54

Note: In this program, you read data from file, so there is no need to print any prompt message to ask user for input.

Then, output the result to both screen and the studentout.txt file.
The output should be similar to part 1.