**44-542 Object Oriented Programming**

**Using the Scanner Class**

1. Write a main method that prompts for and inputs a person's name, hours worked (an integer), and hourly rate of pay (a double). The method then displays a message indicating how much the person earned. A sample run is shown below, with user input in red. Note that your code must work for any valid data entered. The name of the person may consist of only a single word or several words.

**Enter the name: Harry Potter**

**Enter the hours worked: 25**

**Enter the hourly rate: 6.25**

**Harry Potter earned $156.25**

1. Same as above but store first and last name separately. Also, assume the name of the person consists of only two words: a first name and a last name. Enter the full name on a single line, but when you read the information, read the first and last names separately and store them in separate variables. Modify the output to match the following.

**Enter the name: Harry Potter**

**Enter the hours worked: 25**

**Enter the hourly rate: 6.25**

**Harry Potter earned $156.25**

**First name is Harry**

**Last name is Potter**

1. Write a main method that does the following:
   1. Prompt for and input the name of an author in the format last name, followed by a space, followed by first name. Store the first and last name in two separate variables, using the next() method for each.
   2. Prompt for and input the title of the book.
   3. Print the name of the book and the author, on two separate lines, with label and text added, as shown below.

Your code must work for any valid data entered. The name of the person will consist of exactly two words.

**Enter the name of the author: Smiley Jane**

**Enter the title: Horse Heaven**

**The name of the book is: Horse Heaven**

**The book was written by Jane Smiley**