

Create a program that prompts the user for the number of hours that they worked, as well as their hourly wage. The program will then output the total amount of money made.

TIPS:

- 1... Your first step will be to ensure you import the necessary components you will need. This can be done with the following code:

```
import java.util.Scanner;
```
- 2... You will also need to create an instance of the Scanner, in other words make sure that one exists in your program. This can be done with the following code:

```
Scanner keyedInput = new Scanner(System.in);
```
- 3... You will need to declare three variables: **hours**, **rate** and **totalPay**. These should all be declared as type double since they might be holding decimal numbers.
- 4... To prompt the user for the amount of hours they worked you will need the following line of code:

```
System.out.print ("Enter the number of hours worked and press Enter: ");
```


To receive input from the user you will need the following line of code:

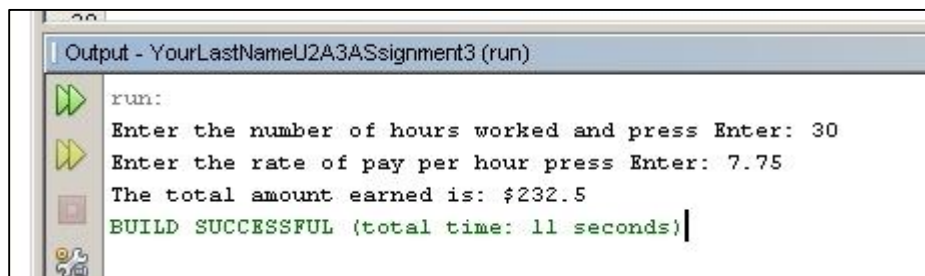
```
hours = keyedInput.nextDouble();
```
- 5... To prompt the user for the amount they are paid per hour you will need the following line of code:

```
System.out.print ("Enter the rate of pay per hour and press Enter: ");
```


To receive input from the user you will need the following line of code:

```
rate = keyedInput.nextDouble();
```
- 6... The calculation to determine the total amount of money made will involve multiplying the value of **hours** by the value of **rate** and storing the result in **totalPay**.

The final output should resemble the following (note that 30 and 7.75 were entered by the user as input):



```
Output - YourLastNameU2A3ASsignment3 (run)
run:
Enter the number of hours worked and press Enter: 30
Enter the rate of pay per hour press Enter: 7.75
The total amount earned is: $232.5
BUILD SUCCESSFUL (total time: 11 seconds)|
```