Southern Luzon State University
College of Engineering
Computer Engineering Department

**CPE13 Object Oriented Programming**

**Prelim Term Laboratory Test 2**

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Section: BSCpE 3GF Score:_____

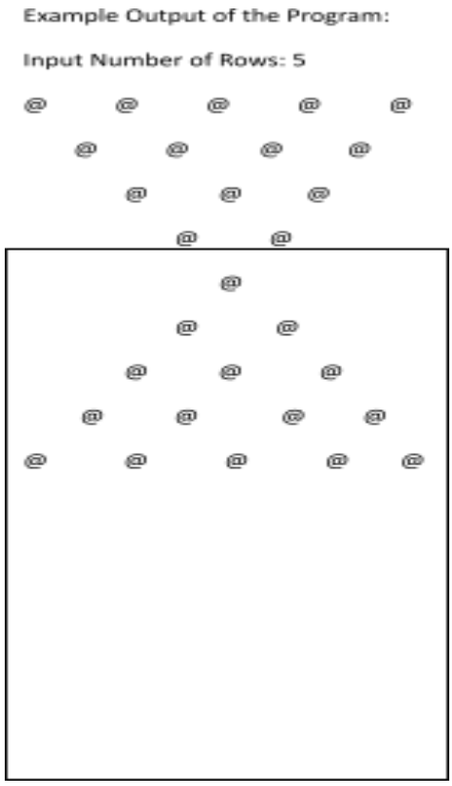
**Instructions:**

1. Open **Eclipse Neon 2**.
2. Click Okay to confirm workspace location**.**
3. Close the welcome message.
4. Click **File**, Select **New** and Click **Java Project**.
5. The **Project Name** should be Favorite Color + Nickname.
6. Click **Finish** and Create a new Java class.
7. Click **File**, Select New and Click Java Class.
8. The Source folder should be the Project you created.
9. The Classname should be Surname + P + Fruit Name. Click Finish and Type your code.
10. You can Run and Compile your code by using **Ctrl+F11.**

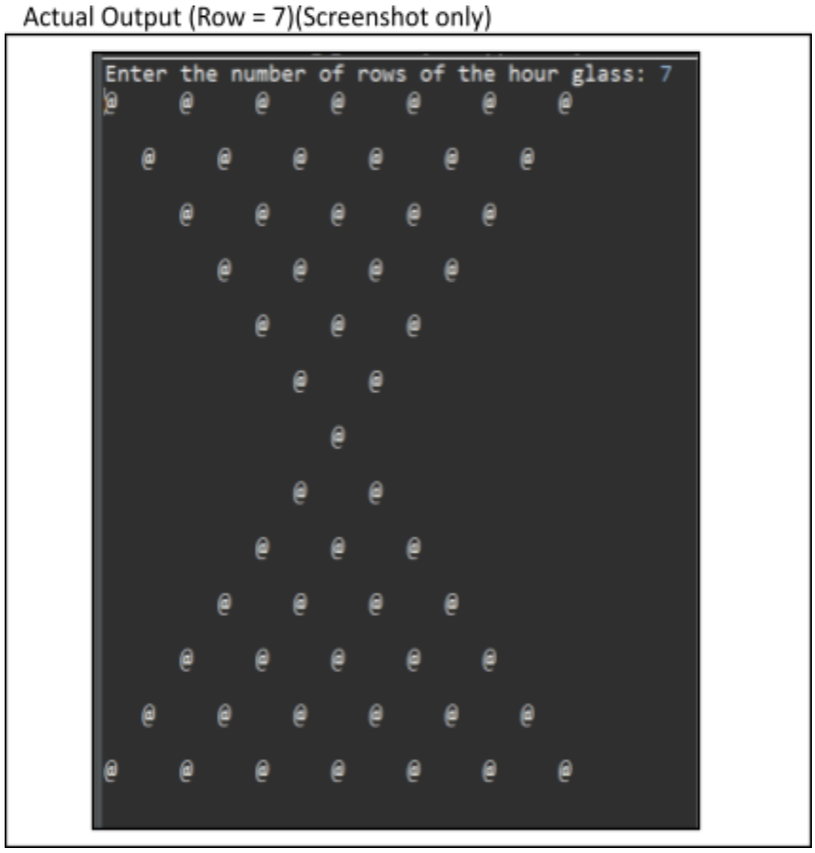
**Problem:**

Write a program that ask for the user the number of rows that forms an hour glass pattern. Refer to actual output below. Note: Attach your Java File

Example Output of the Program:




Actual Output (Row = 7)(Screenshot only)



Code of the Program:

```
import java.util.Scanner;


public class CORPUZ_P_MANGO {
	public static void main(String[] args) {
		Scanner input = new Scanner(System.in);


		System.out.print("Enter the number of rows of the hour glass: ");
		int rows = input.nextInt();


		for(int i=1; i<=rows; i++)
	{
	   for(int space=1; space<=i-1; space++)
	   {
	      System.out.print("   ");
	   }
	   for(int j=1; j<=rows-i+1; j++)
	   {
	      System.out.print("@    ");
	   }
	   System.out.println("\n");
	}
	for(int i=rows-1; i>=1; i--)
	{
	   for(int space=1; space<=i-1; space++)
	   {
	      System.out.print("   ");
	   }
	   for(int j=i; j<=rows; j++)
	   {
	      System.out.print("@    ");
```

```
            }
            System.out.println("\n");
          }
        }
}
```