Assignment 1
Total Marks : 10
Submission deadline : **11:55 pm, Thursday, July 16**

Write a Java application following the steps given below:

i) Prompt user to provide one **integer** number, **n** as **input**. Now create an **integer** array named **pennies** of size **n**. Populate the array by taking inputs from users.

ii). Create a class named '**Resource**' with three data members, **resourceName, resourceCount** and **resourceValue.** You also have to create two methods within the class. The methods are:
calculatePrice(int a**)**: calculate the price of a resource and return the value
[Use this equation to get the value **: (a/resourceCount)+resourceValue**]
updateCount(int num**)** : to update the **resourceCount**. (update by adding num
to the current **resourceCount**)

iii). Now, iterate through the **pennies** array and whenever you found an **even** number, create an object of the '**Resource**' class (You have to take inputs from user for setting the attribute values). Then call the **calculatePrice(**int a**)** method and print the value. Here the **parameter** of the method will be the **even** number that you just found in the **pennies** array.

iv). Finally **update** the resource count by 10 for the last **Resource** object created and print its **resourceCount** before and after update.

The name of the **public class** containing the **main** method should be **Main.java**. Complete the entire assignment in a single Java file named **Main.java**. After completing it, **submit the java file only**.
No need to submit the entire project or any zipped file.