Define a method which accepts an array of numbers and return the sum of unique numbers from the array.

Write the method with the following specifications

Name of method ***sumOfArray()***

Arguments: one argument of type integer array

Return Type: an integer value

Specifications: The value returned by the method ***sumOfArray()***is determined by the following rules

Array must not be null or length must not be 0. If yes, then return -1

Array must not contain negative values. If yes, then return -2

Input: {1, 2, 3, 2, 4, 1}

Output: 10

**Read the steps below carefully before you start**

* + 1. Download the skeleton code provided ***(***[***ECC\_36\_SumOfArray.java***](http://scoremore.talentsprint.com/asset-v1:CodeCraft+Tech-01+2016+type@asset+block/ECC_36_SumOfArray.java)***)***
    2. In the downloaded file, add your code in the placeholder - "ADD YOUR CODE HERE"
    3. To write code, you can use editors such as Eclipse, Notepad, GEdit, VIM etc
    4. Compile your code
    5. Check the output and upload the source file i.e., .java file

**Follow the below steps to upload the file**

1. click on ‘Select a file' button. Locate and select the .java file ([***ECC\_36\_SumOfArray.java***](http://scoremore.talentsprint.com/asset-v1:CodeCraft+Tech-01+2016+type@asset+block/ECC_36_SumOfArray.java)) you want to upload. Ensure that you select the correct file as only one file can be uploaded. In case you selected the wrong file, refresh the page before proceeding to next step.
2. Now the button ‘Upload ECC\_36\_SumOfArray.java’ will be displayed. Click this button to upload

**Click on the file name to download the template:** [***ECC\_36\_SumOfArray.java***](http://scoremore.talentsprint.com/asset-v1:CodeCraft+Tech-01+2016+type@asset+block/ECC_36_SumOfArray.java)

[STAFF DEBUG INFO](http://scoremore.talentsprint.com/courses/course-v1:CodeCraft+Tech-01+2016/courseware/4f01ff95e06e46428673f3970f91dfb6/9727178e61674de5965d567ffecc41b6/#ab78a3fe782744ed959073d74911759c_debug)

**File uploaded** [ECC\_36\_SumOfArray.java](http://scoremore.talentsprint.com/courses/course-v1:CodeCraft+Tech-01+2016/xblock/block-v1:CodeCraft+Tech-01+2016+type@edx_sga+block@7f3b8b13aca743dbafc3ec14b34c09f9/handler/download_assignment)

Your solution has been successfully submitted.

Your score is 60  
  
**Comment:**Congratulations! Your code has compiled with no errors.  
  
TestCase: sumOfArrayTest, Grade: Failed, Score: 0 out of 40, Message: Checking for sum of unique array values   
  
TestCase: hasNegative, Grade: Passed, Score: 30 out of 30, Message: Checking for negative values as input   
  
TestCase: isNull, Grade: Passed, Score: 30 out of 30, Message: Checking for null value   
  
  
  
  
Attempt 15 of 100