**Group Details: G24**

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Problem Statement: Find # of distinct elements

Input: Array of objects (ex: of type String, Integer or any other class) A= [a1,a2,…,an]

Output: #of distinct elements in that array A let it be k.

Algorithm:

1. Method **FindDistinctElements** accepts generic array, and puts element of array in HashSet, HashCode and Equals method have been overridden.
2. Method returns size of hashset as # of distinct elements.

Attachment will contain two .java file, where “FindDistinctElement”,”test1”. Array of objects of class test1 is passed to **FindDistinctElements** method**.**