Problem 1: Big Data - Scala Coding.

A Company “Star Grocery Store” is planning a big sale at which they will give their customers a special promotional discount. Each customer that purchases a product from the company has a unique customer ID numbered from 0 to N-1. “Brien” the marketing head of the company has selected bill amounts of the N customers for the promotional scheme. The discount will be given to customers whose bill amounts are perfect squares. The customers may use this discount on a future purchase. Write an algorithm to help Brien to find the number of customers that will be given discounts. Input: The first line consists of an integer numOfCust, representing the number of customers whose bills are selected for the promotional discount (N). The second line consists of N space-separated Integers bill1, bill2, bill3... representing the bill amounts of the N customers selected for the promotional discount.

7 10 20 16 25 30 40 36

Output: print an integer representing the number of customers