1. Create a program to store a string to a hash table with size m using double hashing with hash function:

h (k, i) = [h1 (k) + i h2 (k)] mod m

h1 (k) = k mod m

h2 (k) = k mod m’

i is the probe number that varies from 0 to m-1

m’ is either m-1 or m-2

\**to calculate the string, you can add up ASCII values of all the characters in the string.*