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| using System;  using System.Collections.Generic;  using System.Linq;  namespace Messaging  {  class Program  {  static void Main(string[] args)  {  List<int> numbers = Console  .ReadLine()  .Split()  .Select(int.Parse)  .ToList();  string text = Console.ReadLine();  List<int> sumOfDigits = new List<int>();  List<string> letters = new List<string>();  CountingSumOfTheDigits(numbers, sumOfDigits);  AddingEveryCharToNewList(letters, text);  Console.WriteLine(FindingTheMessage(sumOfDigits, letters));  }  static void CountingSumOfTheDigits(List<int> numbers, List<int> sumOfDigits)  {  for (int i = 0; i < numbers.Count; i++)  {  int currSum = 0;  int copy = numbers[i];  while (copy != 0)  {  int digit = copy % 10;  currSum += digit;  copy /= 10;  }  sumOfDigits.Add(currSum);  }  }  static void AddingEveryCharToNewList(List<string> letters, string text)  {  for (int i = 0; i < text.Length; i++)  {  letters.Add(text[i].ToString());  }  }  static string FindingTheMessage(List<int> sumOfDigits, List<string> letters)  {  string result = string.Empty;  for (int i = 0; i < sumOfDigits.Count; i++)  {  int index = 0;  if (sumOfDigits[i] >= letters.Count)  {  index = sumOfDigits[i] - letters.Count;  result += letters[index];  }  else  {  result += letters[sumOfDigits[i]];  }  letters.RemoveAt(index);  }  return result;  }  }  } |