

### SUPPLEMENTARY STRING PROBLEMS

1. Write a program in C# to find the most frequently occurring character in a string.

#### Sample Run

Welcome to resources

The letter e had the highest frequency of 4

This is my Udemmy course

The letter s had the highest frequency of 3

C# is an interesting programming language

The letter g had the highest frequency of 5

2. Write a program to print all Armstrong numbers between 1 and 500. If the sum of the cubes of each digit of the number is equal to the number itself, then the number is called an Armstrong number. For example,  $153 = (1 * 1 * 1) + (5 * 5 * 5) + (3 * 3 * 3)$ .