

Practice Exercise #14: Missing Digits Version 2

http://www.comp.nus.edu.sg/~cs1020/4_misc/practice.html

Reference: Week 4 Vector class

Objectives:

1. Using **Vector** class
2. Problem solving

Task statement:

This is the same exercise as Practice Exercise #13, except that here you are required to use the **Vector** class.

Write a program **MissingDigitsV2.java** to read in a positive integer and list out all the digits that do not appear in the number. The digits listed should be in ascending order.

You may assume that the input value does not contain leading zeroes.

The sample runs are shown below. Note that in the output, every digit is followed by a blank. For example, the output for sample run #1 is

Missing digits in 73105: 2 4 6 8 9

where represents a blank character.

Sample run #1:

Enter a number: 73105

Missing digits in 73105: 2 4 6 8 9

Sample run #2:

Enter a number: 200326

Missing digits in 200326: 1 4 5 7 8 9