

Java Task

- 1- Write Java program to print the table of characters that are equivalent to the Ascii codes from 1 to 122. The program will print the 10 characters per line.
-

- 2- Exercise HarmonicSum (Loop): Write a program called HarmonicSum to compute the sum of a harmonic series, as shown below, where $n=50000$. The program shall compute the sum from left-to-right as well as from the right-to-left. Obtain the difference between these two sums and explain the difference. Which sum is more accurate?

$$1 + 1/2 + 1/3 + 1/4 + \dots + 1/n$$

- 3- Write a program called ExtractDigits to extract each digit from an int, in the reverse order. For example, if the int is 15423, the output shall be "3 2 4 5 1", with a space separating the digits.