

Computer Programming (EE1005)

Homework #3

(Due: Apr. 1)

- 4.16. One interesting application of computers is drawing graphs and bar charts (sometimes called “histograms”). Write a program that reads five numbers (each between 1 and 30). For each number read, your program should print a line containing that number of adjacent asterisks. For example, if your program reads the number seven, it should print `*****`.
2. Referring the Study Case2 (Prime Number), please write a program to compute the greatest common divisor of two integers using while loops. The greatest common divisor of integers x and y is the largest integer that evenly divides both x and y . You may use the 輾轉相除法 to obtain the answer.