BLM1551
Introduction to Computer Science - I
Assignment - 1
(Due 07/11/2015)

Q1

Design an algorithm which finds the minimum and maximum 4-digit cube number. Write the necessary code in Pascal.

Output: minimum 4-digit number
Maximum 4-digit number

Cube Numbers : 8, 27, 64, 125, 216 …

Q2

Design an algorithm which displays the first **k**   1-automorphic numbers. Write the necessary code in Pascal.

Inputs: k

Output: 1,5,6,25,….

Example

1-Automorphic number : 1×5^2 = 2<u>5</u> , 1×6^2 = 3<u>6</u> , 1×25^2 = 6<u>25</u>

DO NOT FORGET TO READ ASSIGNMENT RULES