BLM1551
Introduction to Computer Science - I
Assignment - 1
(Due 30/10/2017)

Q1

Design an algorithm which gives the divisors of the given number.

Inputs: number

Output: divisors

Example

number: 15
divisors: 3 5

number: 100
divisors: 2 2 5 5

Q2

A palindromic number or numeral palindrome is a number that remains the same when its digits are reversed. Design an algorithm which determines if a given number is PALINDROMIC number or not.

Inputs: number

Output: PALINDROMIC NUMBER OR NOT A PALINDROMIC NUMBER

Example

101
PALINDROMIC NUMBER

100
NOT A PALINDROMIC NUMBER

8888
PALINDROMIC NUMBER

578875
PALINDROMIC NUMBER

11
PALINDROMIC NUMBER

123311
NOT A PALINDROMIC NUMBER