Stephen Barton Jr

Prompt #4

Program to print out Roman numerals from 1 to 100

always use stdio.h and stdlib.h

use string.h so strcmp works

set the password to “idf” and then prompt the user for it

use strcmp to compare the users input with the password

if password is correctly inputted as idf print Table

else program closes

Table Header print statements

for decimal number = 1; decimal number <= 100; decimal ++

roman numeral needs to = decimal

print decimal number

if number is 100 print C

if roman numeral is greater than or equal to 50 print L

subtract 50 from roman numeral

if after you subtract 50 the number is still greater than 40 print XL

subtract 40 from number

then while its still greater than or equal to 10 print X

subtract 10 until roman numeral is less than 10

then if roman numeral is greater than or equal to 5

if roman numeral is 9 print IX

if not 9 print V and subtract 5 from roman numeral

then while roman numeral is greater than 0

if roman numeral is 4 print IV

else print I and subtract 1 until roman numeral is equal to 0