

Problem 7

IPO

Input:

7-Digit Code

Process:

If 111110 then Print "First"

Elseif 0110000 then Print "Second"

Elseif 1101101 then Print "Third"

Elseif 1111001 then Print "Fourth"

Elseif 0110001 then Print "Fifth"

Elseif 1011011 then Print "Sixth"

Elseif 1011111 then Print "Seventh"

Elseif 1110000 then Print "Eighth"

Elseif 1111111 then Print "Ninth floor"

Else then Print "Tenth floor"

Output

Floor Number

Pseudocode

Date _____

Start

Input "7 digits"

a := 7 digits

If

a == 1111110 Then

Print "First Floor"

Else If

a == 0110000 Then

Print "Second Floor"

Else If

a == 1101101 Then

Print "Third Floor"

Else If

a == 1111001 Then

Print "Fourth Floor"

Else If

a == 0110001 Then

Print "Fifth Floor"

Else If

a == 1011011 Then

Print "Sixth Floor"

Else If

a == 1011111 Then

Print "Seventh Floor"

Else If

a == 1110000 Then

Print "Eighth Floor"

Else If

a == 1111111 Then

Print "Ninth Floor"

Else If

Print "Ten Floor"

End

