%question 3

var height : real

var heighttype : string

var cmheight : real

var inchheight : real

var feet : real

var inches : real

var metres : real

var centimetres : real

put "What is your height in inches/centimetres? " ..

get height

put "Inches or centimetres? Put cm is centimetres and inc if inches."

get heighttype

if heighttype = "cm" then

cmheight := height / 2.54

feet := cmheight div 12

inches := cmheight mod 12

put "Your height is ", feet, " feet and ", inches, " inches."

elsif heighttype = "inc" then

inchheight := height \* 2.54

metres := inchheight div 100

centimetres := inchheight - 100

put "Your height is ", metres, " metre(s) and ", centimetres, " centimetres."

end if