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// ViewController.swift

// Thukivakam\_Exam01

//

// Created by Thukivakam,Sai Kiran on 2/28/23.

//

**import** UIKit

**class** ViewController: UIViewController {

**@IBOutlet** **weak** **var** hfeet: UITextField!

**@IBOutlet** **weak** **var** hinches: UITextField!

**@IBOutlet** **weak** **var** weight: UITextField!

**@IBOutlet** **weak** **var** displayLabel: UILabel!

**@IBOutlet** **weak** **var** showimage: UIImageView!

**override** **func** viewDidLoad() {

**super**.viewDidLoad()

// Do any additional setup after loading the view.

}

**@IBAction** **func** calculate(\_ sender: **Any**) {

**var** heightinfeet=Int(hfeet.text!)

**var** heightininches=Int(hinches.text!)

**var** wt=Int(weight.text!)

**var** actualheight=heightinfeet!\*12+heightininches!

**var** bmi=Double(703\*wt!/(actualheight\*actualheight))

**if**(bmi<=18.5)

{

displayLabel.text="Your Body Mass Index is : \(bmi)"

showimage.image=UIImage(named: "underWeight")

}

**else** **if**(bmi>=18.6 && bmi<=24.9)

{

displayLabel.text="Your Body Mass Index is : \(bmi)"

showimage.image=UIImage(named: "normal")

}

**else** **if**(bmi>=25 && bmi<=29.9)

{

displayLabel.text="Your Body Mass Index is : \(bmi)"

showimage.image=UIImage(named: "overWeight")

}

**else** **if**(bmi>=30)

{

displayLabel.text="Your Body Mass Index is : \(bmi)"

showimage.image=UIImage(named: "obese")

}

}

}