# classify and compute BMI

class calculation:

# defining method

def BMIcalculator(self, Height, Mass):

# compute BMI

BMI = (Mass)/(Height\*Height\*0.0001)

# classify

for t1, t2,t3 in [(18.5, 'Underweight','Malnutrition risk'),

(25, 'Normal weight', 'Low risk'),

(30, 'Overweight', 'Enhanced risk'),

(35, 'Moderately obese','Medium risk'),

(40, 'Severely obese','High risk'),

(float('inf'), 'Very severely obese','Very high risk')]:

if BMI <= t1:

print('Your BMI is :', BMI, '\nthe person is :', t2,'\nthe Health risk is:',t3)

break

# height input

Height = float(input("Please enter height in meters(m)"))

# Mass input

Mass = float(input("Please enter Mass/Weight in Kilograms(Kg)"))

obj = calculation()

obj.BMIcalculator(Height, Mass)