## **BMI Calculation**

#include <stdio.h>

float calculate\_bmi(float weight, float height) {

float height\_in\_meters = height / 100;

float bmi = weight / (height\_in\_meters \* height\_in\_meters);

return bmi;

}

void get\_bmi\_category(float bmi) {

if (bmi < 18.5) {

printf("You are underweight. Have an apple daily.\n");

} else if (bmi >= 18.5 && bmi < 25) {

printf("You are normal. Go walking daily and maintain it.\n");

} else if (bmi >= 25 && bmi < 30) {

printf("You are overweight. Go to Gym daily.\n");

} else {

printf("You are obese. You need to see a doctor.\n");

}

}

int main() {

float weight, height;

scanf("%f", &weight);

scanf("%f", &height);

float bmi = calculate\_bmi(weight, height);

get\_bmi\_category(bmi);

return 0;

}