**Practical No: 6**

**Aim:** Read Height in Centimetre’s and then convert the Height to Feet and Inches

**Course Outcome:**

**Theory:**

When it is required to read the height in ‘cm’ and convert it into ‘feet’ and ‘inches’, the ‘round’ method can be used.

Below is a demonstration of the same −

* The input is taken by user, as ‘cm’.
* It can be converted into inches by multiplying it with 0.394.
* This is assigned to a variable.
* It can be converted into feet by multiplying it with 0.0328.
* This is assigned to a variable.
* It is rounded off to nearest two decimal values.
* Both these converted values are displayed as output on the console.

**Requirements: Computer, Python 3.3.34, Vs Code.**

**Flowchart:**

**Program:**

#Write a python program to read height in cm and then convert it in feet and inches

def Converter(CM):

    Inches = CM \* 0.393701

    Feet = CM \* 0.0328084

    print("Converted Values")

    print("Inches: ",round(Inches, 3))

    print("Feet: ",round(Feet, 3))

Centimeter = float(input("Enter Centimeters: "))

Converter(Centimeter)

**Output/Result:**

Enter Centimeters: 70

Converted Values

Inches: 27.559

Feet: 2.297

**Conclusion: hence , we have used arithmetic operators and converted Centimeters into feets and inches.**