Question 1 – Convert the time enter in hh, min and sec into seconds.

Step 1: Start

Step 2: Take the input of Hrs, Min and Sec

e.g. Hrs = 2, Min = 10 and Sec = 30

Step 3: calculate Hrs in to seconds i.e  Hrs\_secs = Hrs\*60\*60

e.g. Hrs\_secs = 2\*60\*60 = 7200

Step 4: Calculate Mins into Seconds, i.e. Min\_sec = Min\*60

e.g. Min\_sec = 10\*60 = 600

Step 5: calculate the total seconds = Hrs\_secs + Min\_sec + Sec

e.g. seconds = 7830

Step 6: Display the total Seconds are = Seconds

Display the total Seconds are = 7830

Step 7: Stop

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Question 2 – Convert temperature form Celsius to Fahrenheit. {C/5 =( F-23)/9}

Step 1: Start

Step 2: Take the temperature i.e. temp in Celsius,

e.g. temp = 27

Step 3: Convert Celsius to Farhrenheit performing calculation i.e. Farh = ((temp/5)\*9)+23

e.g. Farh = ((27/5)\*9) + 23 = 48.6+23 = 71.6

Step  4: Display the Celsius temperature to Fahrenheit temperature is : Farh F

e.g. Display the Celsius temperature to Fahrenheit temperature is : 71.6 F

Step 5: Stop

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Question 3 – Covert distance given in feet and inches into meter and centimeter

Step 1: Start

Step 2: Take the inputs of feet and inches

e.g. Feet = 20 and inch = 15

Step 3: Cover the feet into meter and centimeter (1feet = 0.3048m) & Feet to Centimeters: 1 foot=30.48 centimeters

i.e. Feet\_to\_meter = Feet \* 0.3048, Feet\_to\_Cm = Feet\*30.48cm

e.g.  Feet\_to\_meter = 20 \* 0.3048 = 6.096m

Feet\_to\_Cm = 20 \* 30.48 = 609.6 cm

Step 3: Convert inch into meter and cm  (1 inch=0.0254 meters) and (1 inch=2.54 centimeters)

i.e. inch\_to\_meter = inch \* 0.0254 = 0.381

inch\_to\_Cm = = inch \* 2.54 = 38.1

Step 4:  Display the converted values: i.e.

Converted value of  Feet in meter is: Feet\_to\_meter m and centi is: Feet\_to\_Cm cm

Converted value of  inch in meter is: Inch\_to\_meter and centi is: Inch\_to\_Cm cm

e.g.

Converted value of 20 in meter is: 6.096 m and centimeter is: 609.6cm

Converted value of 15 in meter is: 0.381 and centimeter is: 38.1

Step 5: stop