

## Assignment - #1:

All the codes need to have proper comments and explanation. Please show snapshot for the output.

1. Write a Python program which prompts the user for a *Celsius* temperature, converts the temperature to *Fahrenheit*, and prints out the converted temperature.
2. The cover price of a book is \$25, but bookstores get a 10% discount. Shipping costs \$2 for the first five copies and 2.75 cents for all rest of copies. Write a Python program to show what is the total wholesale cost for 40 copies display the result.
3. I have started walking to home at 7:30 AM for the first mile at slow step (8 min:15 sec per mile), then 3 miles at speed (7 min:12 sec per mile), what time do I get home for breakfast? (format output in hh: min)
4. Write a Python code to calculate the *speed* for running a 10-kilometer race in 1 hours 5 minutes 42 seconds. What is the average pace (time per mile in minutes and seconds)? What is the average speed in miles per hour?

Thanks!