ACADEMY OF TECHNOLOGY

DEPARTMENT OF CSE

Name of the Course   : IT Workshop (Python)

Course Code   : PCC-CS393

Semester / Branch   : 3rd/CSE

Assignment-1 (Introduction)

1. Write a program that asks the number of years as input, and then prints out the number of days, hours, minutes, and seconds in that number of years. Assume 365 days per year.

2. Write a program to calculate the amount payable after simple and compound interest.

3. Write a program to take a 2-digit number and then print the reversed number. That is, if the input given is 25, the program should print 52. Then extend it for 3-digit number.

4. Say a box of cookies can hold 24 cookies, and a container can hold 75 boxes of cookies. Write a program that prompts the user to enter the total number of cookies, then outputs the number of boxes and the number of containers to ship the cookies. Note that each box must contain the specified number of cookies, and each container must contain the specified number of boxes. If the last box of cookies contains less than the number of specified cookies, you can discard it and output the number of leftover cookies. Similarly, if the last container contains less than the number of specified boxes, you can discard it and output the number of leftover boxes.

5. Write a program to convert centigrade to Fahrenheit and reverse also.