Lab Assignment -1

1. Write a program to display an employee's record.
2. Write a program to accept an employee's data & display it to him.
3. Write a program to calculate simple and compound interest respectively.
4. Input the roll no, name & marks in 4 subjects of a student. Calculate and print the total and average respectively.
5. Write a program to calculate the volume, surface area and diagonal of a cuboid.
6. A manufacturer purchases some machinery parts for his new machine. He has been given a discount of 15 % on the purchase. Furthermore, he has to pay 6 % of sales tax to import them. Write a program to calculate & display the sales tax and the total price paid by him.
7. Write a program to accept the Basic Pay (BP) of an employee. Calculate his HRA, DA, Gross Pay (GP), Net Pay (NP) & Income Tax (IT).

    (Use the following formula to compute
    HRA= 15 % of BP
    DA= 10% of (BP + HRA)
    GP= BP + HRA + DA
    Net Pay= Gross Pay – 5 % of DA
    IT = 10% of BP)
8. Write a program to convert a given no of days into years, weeks & days.
9. Write a program to accept the no of seconds & convert it into days, hours, mins & secs.
10. Write a program to explore the different formats for integer input & output respectively.