

## Lab Sheet: 2

### Lab Tasks

1. Write a program to input days and display it in terms of years, months and days.
2. Write a program to input time in seconds and display it in terms of hours, minutes and seconds.
3. Write a program to calculate the gross salary of an employee given the basic salary. Use the following rules:  
$$\text{HRA} = 20\% \text{ of basic salary}$$
$$\text{DA} = 50\% \text{ of basic salary}$$
$$\text{Gross Salary} = \text{Basic Salary} + \text{HRA} + \text{DA}$$
4. Write a program to input two numbers and display larger number.
5. Write a program to check whether a given number is odd or even.
6. Write a program to check if a number is divisible by both 5 and 11.
7. Write a program to check whether a year is a leap year or not using relational and logical operators.
8. Write a program to input three numbers and display smallest number.