

Software Development Fundamentals Lab – I
[15B17CI171] Assignment Sheet
Week3[20Sep- 25Sep]

Lab A

Note: Students are advised to submit their solutions to respective lab faculty. The solution file must be named as "rollno_first name_w3A.doc" (here W3A represents week 3 lab A).

Programming Language : C and Software requirement : Codeblock

1. WAP to print information about yourself.
2. Write a program to declare two integers and one float variables then initialize them to 10, 15, and 12.6. It then prints these values on the screen.
3. WAP to show the declaration of global and local variables.
4. WAP to display all data types (int, float, char, double) in C.
5. Write a program to take input through keyboard for two integer variables and calculate their sum, difference, multiplication & division.
6. WAP to display the product of two floating point numbers.
7. The distance between two cities (in Km) is input through the keyboard. Write a program to convert and print this distance in meters, feet, inches and centimeters.
8. If the marks obtained by a student in five different subjects are input through the keyboard, find out the aggregate marks and percentage marks obtained by the student. Assume maximum marks in each subject=100.
9. Temperature of a city in Fahrenheit degrees is input through the keyboard. Write a program to convert this temperature into Centigrade degrees.
10. The length and breadth of a rectangle and radius of a circle are input through the keyboard. Write a program in C to calculate the area & perimeter of the rectangle, and the area & circumference of the circle.