

APPRENTICESHIP

SET 2 – C Programming Language

(Basic Programs)

1. Write a program to find the average of the marks obtained in subject mathematics, chemistry and physics.
2. Write a program to find the simple interest. ($SI = PTR/100$).
3. Write a program to convert Fahrenheit temperature to Celsius [Formula : $(F - 32) \times 5/9$].
4. Write a program to swap two integers & display the result before swapping & after swapping (hint: use third variable).
5. Write a program to swap two integers without using third variable & display the result before swapping & after swapping.
6. Write a program to find the sum of three numbers which are defined using Symbolic constants.
7. Write a program to find the perimeter of a square when side of a square is given as symbolic constant.
8. Write a program to find the distance between the two points in Cartesian coordinate system.
9. Write a program to find the area of triangle when three sides are given. (Hint: use heron's equation $A = \sqrt{S(S - a)(S - b)(S - c)}$ And $S = (a+b+c)/2$, S=Semi -Perimeter)
10. Write a program to find the area of triangle when three points are given.
