

## C Programming Questions

1. Write a program to find compound interest and simple interest for given principal, time and rate by user.
2. Write a program to read sides of isosceles triangle and display area and perimeter of isosceles triangle.
3. Write a program to read a number and display its multiplication table.
4. Write a program, which asks time in seconds, and convert it into hour, minute and second.
5. Write a program to find second largest number among three number provided by user.
6. The monthly electricity bill is to be computed as follows.
  - a. Minimum Rs.80 for up to 50 units.
  - b. Rs.9.2 per unit for next 100 units.
  - c. Rs.13 per unit for above 150 units.

Write a program to compute monthly electricity bill for given number of units consumed by a customer.

7. Write a program to compute the sum of digits of given integer number using do-while.
8. Write a program to display given pattern

```
*  
  
*      *  
  
*      *      *  
  
*      *      *      *  
  
*      *      *      *      *
```

9. Write a program to display following pattern

```
*      *      *      *      *  
*      *      *      *  
*      *      *  
*      *  
*
```

10. Write a program to read two integer numbers n1 and n2 ( $n1 < n2$ ), display all number which is even and divisible by 3.
11. Write a program to check the number is palindrome or not.
12. Write a program to make simple calculator using switch ... case.

*Note\*: What is palindrome number?*

*A palindrome number is a number that remains the same when its digits is reverse.*

*Example: 12321*

\*\*\*\*\*: Practice these questions for upcoming practical examination.