

C Language Community LIVE Classes
Assignment-8

1. Write a program to check whether a given number is divisible by 3 and divisible by 2.
2. Write a program to check whether a given number is divisible by 7 or divisible by 3.
3. Write a program to check whether a given number is positive, negative or zero.
4. Write a program to check whether a given year is a leap year or not.
5. Write a program to find greater among three numbers. If two or three numbers are identical and greatest among all then print it only once.
6. Write a program to check whether a given character is an alphabet (uppercase), an alphabet (lower case), a digit or a special character.
7. Write a program which takes the length of the sides of a triangle as an input. Display whether the triangle is valid or not.
8. Write a program which takes the month number as an input and display number of days in that month.
9. Write a program to find the nature of roots of a quadratic equation.
10. Write a C program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:
Percentage \geq 90% : Grade A
Percentage \geq 80% : Grade B
Percentage \geq 70% : Grade C
Percentage \geq 60% : Grade D
Percentage \geq 40% : Grade E
Percentage $<$ 40% : Grade F