Assignment 1

1. [Write a PYTHON program to find maximum between two numbers.](https://codeforwin.org/2015/05/c-program-to-find-maximum-between-two-numbers.html)
2. [Write a PYTHON program to find maximum between three numbers.](https://codeforwin.org/2015/05/c-program-to-find-maximum.html)
3. [Write a PYTHON program to check whether a number is negative, positive or zero.](https://codeforwin.org/2015/05/c-program-to-check-negative-positive-zero.html)
4. [Write a PYTHON program to check whether a number is divisible by 5 and 11 or not.](https://codeforwin.org/2015/05/c-program-to-check-whether-number-is-divisible-by-5-and-11.html)
5. [Write a PYTHON program to check whether a number is even or odd.](https://codeforwin.org/2015/05/c-program-to-check-even-odd.html)
6. [Write a PYTHON program to check whether a year is leap year or not.](https://codeforwin.org/2015/05/c-program-to-check-leap-year.html)
7. [Write a PYTHON program to check whether a character is alphabet or not.](https://codeforwin.org/2015/05/c-program-to-check-alphabet.html)
8. [Write a PYTHON program to input any alphabet and check whether it is vowel or consonant.](https://codeforwin.org/2015/05/c-program-to-check-vowel-or-consonant.html)
9. [Write a PYTHON program to input any character and check whether it is alphabet, digit or special character.](https://codeforwin.org/2015/05/c-program-to-check-alphabet-digit-special-character.html)
10. [Write a PYTHON program to check whether a character is uppercase or lowercase alphabet](https://codeforwin.org/2015/09/c-program-to-check-whether-character-is-uppercase-or-lowercase.html).
11. [Write a PYTHON program to input week number and print week day](https://codeforwin.org/2015/05/c-program-to-print-week-name.html).
12. [Write a PYTHON program to input month number and print number of days in that month.](https://codeforwin.org/2015/05/c-program-to-print-number-of-days-in-month.html)
13. [Write a PYTHON program to count total number of notes in given amount](https://codeforwin.org/2015/07/c-program-to-count-total-number-of-notes.html).
14. [Write a PYTHON program to input angles of a triangle and check whether triangle is valid or not.](https://codeforwin.org/2015/05/c-program-to-check-whether-triangle-is-valid-or-not.html)
15. [Write a PYTHON program to input all sides of a triangle and check whether triangle is valid or not.](https://codeforwin.org/2015/05/c-program-to-check-whether-triangle-side-is-valid-or-not.html)
16. [Write a PYTHON program to check whether the triangle is equilateral, isosceles or scalene triangle.](https://codeforwin.org/2015/05/c-program-to-check-whether-triangle-is-equilateral-isosceles-scalene.html)
17. [Write a PYTHON program to find all roots of a quadratic equation](https://codeforwin.org/2016/04/c-program-to-find-all-roots-of-quadratic-equation.html).
18. [Write a PYTHON program to calculate profit or loss.](https://codeforwin.org/2015/05/c-program-to-check-profit-or-loss.html)
19. [Write a PYTHON program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:](https://codeforwin.org/2015/05/c-program-to-enter-student-marks-and-calculate-percentage-and-grade.html)  
    Percentage >= 90% : Grade A  
    Percentage >= 80% : Grade B  
    Percentage >= 70% : Grade C  
    Percentage >= 60% : Grade D  
    Percentage >= 40% : Grade E  
    Percentage < 40% : Grade F
20. [Write a PYTHON program to input basic salary of an employee and calculate its Gross salary according to following:](https://codeforwin.org/2015/05/c-program-to-calculate-gross-salary-of-employee.html)  
    Basic Salary <= 10000 : HRA = 20%, DA = 80%  
    Basic Salary <= 20000 : HRA = 25%, DA = 90%  
    Basic Salary > 20000 : HRA = 30%, DA = 95%
21. [Write a PYTHON program to input electricity unit charges and calculate total electricity bill according to the given condition:](https://codeforwin.org/2015/05/c-program-to-calculate-electricity-bill.html)  
    For first 50 units Rs. 0.50/unit  
    For next 100 units Rs. 0.75/unit  
    For next 100 units Rs. 1.20/unit  
    For unit above 250 Rs. 1.50/unit  
    An additional surcharge of 20% is added to the bill