**Write programs that can do following things –**

1. Take a club members information (as many as you want) containing name, age, number of birth month (use struct ). Write a function that can store those information (use file), write another function that can read that member’s information you want to print (search by name). Instead of birth month number, print birth month name. Namely, if birth month is 6, you have to print June.
2. Write a program than can search, find and read a word file, file name will be given by user. If file doesn’t exist, it will print “There is no doc file found called ENTERED\_NAME...!”. If found, then print first line from file.

How many 3 credit subject : 3

How many 1 credit sub (if none, enter 0): 2

First enter 3 credit subject’s grade –

No.1 sub :3.25

No.2 sub :4

No.3 sub :3.75

Now enter 1 credit subject’s grade –

N0.1 sub :

No.2 sub :

Your CGPA is 4.0

How many 3 credit subject : 3

How many 1 credit sub (if none, enter 0): 0

First enter 3 credit subject’s grade –

No.1 sub :3.25

No.2 sub :4

No.3 sub :3.75

Your CGPA is 4.0

If else

1. [Write a C program to find maximum between two numbers.](https://codeforwin.org/2015/05/c-program-to-find-maximum-between-two-numbers.html)

2. [Write a C program to find maximum between three numbers.](https://codeforwin.org/2015/05/c-program-to-find-maximum.html)

1. [Write a C program to check whether a number is negative, positive or zero.](https://codeforwin.org/2015/05/c-program-to-check-negative-positive-zero.html)
2. [Write a C 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)
3. [Write a C program to check whether a number is even or odd.](https://codeforwin.org/2015/05/c-program-to-check-even-odd.html)
4. [Write a C program to check whether a year is leap year or not.](https://codeforwin.org/2015/05/c-program-to-check-leap-year.html)
5. [Write a C program to check whether a character is alphabet or not.](https://codeforwin.org/2015/05/c-program-to-check-alphabet.html)
6. [Write a C 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)
7. [Write a C 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)
8. [Write a C 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).
9. [Write a C program to input week number and print week day](https://codeforwin.org/2015/05/c-program-to-print-week-name.html).
10. [Write a C 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)
11. [Write a C program to count total number of notes in given amount](https://codeforwin.org/2015/07/c-program-to-count-total-number-of-notes.html).
12. [Write a C 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)
13. [Write a C 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)
14. [Write a C 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)
15. [Write a C program to find all roots of a quadratic equation](https://codeforwin.org/2016/04/c-program-to-find-all-roots-of-quadratic-equation.html).

Loop

1. [Write a program to print all natural numbers from 1 to n.](https://codeforwin.org/2015/06/c-program-to-print-natural-numbers-from-1-to-n.html) - using l[oop](https://codeforwin.org/2015/06/c-program-to-print-numbers-from-1-to-n-using-while-loop.html)
2. [Write a program to print all natural numbers in reverse (from n to 1)](https://codeforwin.org/2015/07/c-program-to-print-all-natural-numbers-in-reverse.html). - using [loop](https://codeforwin.org/2015/07/c-program-to-print-all-natural-numbers.html)
3. [Write a program to print all alphabets from A to Z.](https://codeforwin.org/2015/06/c-program-to-print-a-to-z.html) - using  [loop](https://codeforwin.org/2015/07/c-program-to-print-all-alphabets-using-while-loop.html)
4. [Write a program to print all even numbers between 1 to 100.](https://codeforwin.org/2015/06/c-program-to-print-all-even-numbers-between-1-to-100.html) - using  [loop](https://codeforwin.org/2015/06/c-program-to-print-all-even-numbers-using-while-loop.html)
5. [Write a program to print all odd number between 1 to 100.](https://codeforwin.org/2015/06/c-program-to-print-all-odd--numbers-between-1-to-100.html)
6. [Write a program to find sum of all natural numbers between 1 to n.](https://codeforwin.org/2015/06/c-program-to-calculate-sum-of-first-n-natural-numbers.html)
7. [Write a program to find sum of all even numbers between 1 to n](https://codeforwin.org/2015/06/c-program-to-print-sum-of-all-even-numbers-between-1-to-n.html).
8. [Write a program to find sum of all odd numbers between 1 to n](https://codeforwin.org/2015/06/c-program-to-print-sum-of-all-odd-numbers-between-1-to-n.html).
9. [Write a program to print multiplication table of any number](https://codeforwin.org/2015/06/c-program-to-print-table-of-any-number.html).
10. [Write a program to count number of digits in a number](https://codeforwin.org/2016/10/c-program-to-count-number-of-digits-in-number.html).
11. [Write a program to calculate sum of digits of a number](https://codeforwin.org/2015/06/c-program-to-calculate-sum-of-digits.html).
12. [Write a program to calculate product of digits of a number](https://codeforwin.org/2015/06/c-program-to-calculate-product-of-digits.html)
13. [Write a program to enter a number and print its reverse](https://codeforwin.org/2015/06/c-program-to-find-reverse-of-any-number.html).
14. [Write a program to check whether a number is palindrome or not.](https://codeforwin.org/2015/06/c-program-to-check-whether-number-is-palindrome-or-not.html)
15. [Write a program to enter a number and print it in words.](https://codeforwin.org/2015/06/c-program-to-print-numbers-in-words.html)
16. [Write a program to print all ASCII character with their values](https://codeforwin.org/2015/06/c-program-to-print-ascii-values-of-all-characters.html).
17. [Write a program to find power of a number using for loop](https://codeforwin.org/2015/07/c-program-to-find-power-of-number-using-for-loop.html).
18. [Write a program to find all factors of a number](https://codeforwin.org/2015/06/c-program-to-print-factors-of-any-number.html).
19. [Write a program to calculate factorial of a number](https://codeforwin.org/2015/06/c-program-to-calculate-factorial-of-any-number.html).
20. [Write a program to find HCF (GCD) of two numbers](https://codeforwin.org/2015/06/c-program-to-find-hcf-of-two-numbers.html).
21. [Write a program to find LCM of two numbers](https://codeforwin.org/2015/06/c-program-to-find-lcm-of-two-numbers.html).
22. [Write a program to check whether a number is Prime number or not.](https://codeforwin.org/2015/06/c-program-to-check-prime-number.html)
23. [Write a program to print all Prime numbers between 1 to n.](https://codeforwin.org/2015/06/c-program-to-print-all-prime-numbers-between-1-to-n.html)
24. [Write a program to find sum of all prime numbers between 1 to n](https://codeforwin.org/2015/06/c-program-to-find-sum-of-all-prime.html).
25. [Write a program to find all prime factors of a number](https://codeforwin.org/2015/06/c-program-to-find-all-prime-factors-of-any-number.html).
26. Write a program to print Fibonacci series up to n terms.

Switch:

1. [Write a program to print day of week name using switch case.](https://codeforwin.org/2015/06/c-program-to-print-week-day-name-using-switch-case.html)
2. [Write a program print total number of days in a month using switch case.](https://codeforwin.org/2015/06/c-program-to-print-number-of-days-in-month-using-switch-case.html)
3. [Write a program to check whether an alphabet is vowel or consonant using switch case.](https://codeforwin.org/2015/06/c-program-to-check-vowel-or-consonant-using-switch-case.html)
4. [Write a program to find maximum between two numbers using switch case.](https://codeforwin.org/2015/06/c-program-to-find-maximum-using-switch-case.html)
5. [Write a program to check whether a number is even or odd using switch case.](https://codeforwin.org/2015/06/c-program-to-check-even-or-odd-using-switch-case.html)
6. [Write a program to find roots of a quadratic equation using switch case](https://codeforwin.org/2016/04/c-program-to-find-all-roots-of-quadratic-equation-using-switch.html).
7. [Write a program to create Simple Calculator using switch case](https://codeforwin.org/2015/06/c-program-to-create-simple-calculator-using-switch-case.html).

Array:

1. [Write a program to read and print elements of array](https://codeforwin.org/2015/07/c-program-to-read-and-print-elements-in-array.html).
2. [Write a program to print all negative elements in an array](https://codeforwin.org/2015/07/c-program-to-print-all-negative-elements-in-array.html).
3. [Write a program to find sum of all array elements](https://codeforwin.org/2015/07/c-program-to-find-sum-of-all-elements-of-array.html).
4. [Write a program to find maximum and minimum element in an array](https://codeforwin.org/2015/07/c-program-to-find-maximum-and-minimum-element-in-array.html).
5. [Write a program to find second largest element in an array](https://codeforwin.org/2015/11/c-program-to-find-second-largest-number-in-array.html).
6. [Write a program to count total number of even and odd elements in an array](https://codeforwin.org/2016/09/c-program-to-count-even-odd-elements-in-array.html).
7. [Write a program to count total number of negative elements in an array](https://codeforwin.org/2015/07/c-program-to-count-negative-elements-in-array.html).
8. [Write a program to copy all elements from an array to another array](https://codeforwin.org/2015/07/c-program-to-copy-all-elements-of-array-to-another.html).
9. [Write a program to insert an element in an array](https://codeforwin.org/2015/07/c-program-to-insert-element-in-array.html).
10. [Write a program to delete an element from an array at specified position](https://codeforwin.org/2015/07/c-program-to-delete-element-from-array.html).
11. [Write a program to count frequency of each element in an array](https://codeforwin.org/2015/07/c-program-to-find-frequency-of-each-element-in-array.html).
12. [Write a program to print all unique elements in the array](https://codeforwin.org/2015/07/c-program-to-print-all-unique-element-in-array.html).
13. [Write a program to count total number of duplicate elements in an array](https://codeforwin.org/2015/07/c-program-count-number-of-duplicate-element-in-array.html).
14. [Write a program to delete all duplicate elements from an array](https://codeforwin.org/2015/07/c-program-to-delete-duplicate-elements-from-array.html).
15. [Write a program to merge two array to third array](https://codeforwin.org/2015/07/c-program-to-merge-two-array.html).
16. [Write a program to find reverse of an array](https://codeforwin.org/2015/07/c-program-to-find-reverse-of-array.html).
17. [Write a program to put even and odd elements of array in two separate array](https://codeforwin.org/2016/01/c-program-to-put-even-and-odd-elements-in-two-separate-array.html).
18. [Write a program to search an element in an array](https://codeforwin.org/2015/07/c-program-to-search-element-in-array.html).
19. [Write a program to sort array elements in ascending or descending order](https://codeforwin.org/2015/07/c-program-to-sort-array-in-ascending-order.html).
20. [Write a program to sort even and odd elements of array separately](https://codeforwin.org/2016/01/c-program-to-sort-even-odd-elements-of-array-separately.html).
21. [Write a program to left rotate an array](https://codeforwin.org/2017/03/c-program-to-left-rotate-array.html).
22. [Write a program to right rotate an array](https://codeforwin.org/2017/03/c-program-to-right-rotate-array.html).

***Matrix***

1. [Write a program to add two matrices](https://codeforwin.org/2015/07/c-program-to-add-two-matrices.html).
2. [Write a program to subtract two matrices](https://codeforwin.org/2015/07/c-program-to-subtract-two-matrices.html).
3. [Write a program to multiply two matrices](https://codeforwin.org/2015/07/c-program-to-multiply-two-matrices.html).
4. [Write a program to check whether two matrices are equal or not](https://codeforwin.org/2015/07/c-program-to-check-two-matrices-are-equal-or-not.html).
5. [Write a program to find sum of main diagonal elements of a matrix](https://codeforwin.org/2015/07/c-program-to-find-sum-of-main-diagonal-elements-of-matrix.html).
6. [Write a program to find sum of minor diagonal elements of a matrix](https://codeforwin.org/2015/07/c-program-to-find-sum-of-minor-diagonal-element-of-matrix.html).
7. [Write a program to find sum of each row and column of a matrix](https://codeforwin.org/2015/07/c-program-to-find-sum-of-row-and-column-of-matrix.html).

1.Write a program that prompts the user for a floating point value, then convert it in an integer value. And vise versa.(use function)

int convert(foat f);

2.Write a program that prompts the user for integer. and check that integer is even or odd.

Enter number: 10

10 is even.

1. Write a program that prompts the user for radius of a circle and calculate the area and radius of the circle, use two user define functions[(i) area,(ii)perimeter].(two digit after decimal).

Enter radius: 5

Area of the circle is: 78.54

Circumference of the circle is:31.41

1. Write a program that prompts the user for test case number (to use in a loop), then write a function that takes an integer as parameter and return that integer is even or odd.

How many number do you want to check? :3

Enter number: 28

28 is even.

Enter number: 95

95 is odd.

Enter number: 24

24 is even.

1. Write a program that prompts the user for test case number(to use in a loop), then write a function that takes an integer as parameter and return that integer prime or not.

How many number do you want to check? :3

Enter number: 10

10 is not prime.!

Enter number: 5

5 is prime.

Enter number: 1

1 is not prime.!

Write a program that promotes the user for name and age, and gives output given bellow . use scanf for input name.

Enter name: Omuk boy

Age? : 22

Omuk boy is 22 years old.