

- Write a Program that converts kilometer to centimeter, feet and inches
- Write a program to convert Fahrenheit to centigrade
- Write a Program to find the average of 5 numbers
- Two numbers are input through the key board in two variables A and B. write a program to interchange the contents of C and D
- IF the total selling price and total profit of 15 items are entered through the keyboard. Write a program to find the cost price of one item
- If a 5 digit number is entered through the keyboard, write a program to find the reverse of the 5 digit number. (Hint Use % operator)
- A 5 digit number is input through the keyboard. Write a Program to calculate the sum of it's digit (Hint Use % operator).
- If four digit number is input through the keyboard, write a program to find the sum of its first and last digit
- If length and breadth of a rectangle is inputted through the keyboard. Write a program to find the area and perimeter of the rectangle
- If a 5 digit number is input through the keyboard, write a program to print a new number by adding one to each of its digit. For example if the number that is input is 12391, then the output should be displayed as 23502.

- Write a program to receive values of temperature and wind velocity and calculate wind chill factor. The formula is

$$wcf = 35.74 + 0.6215 * t + (0.4275 * t - 35.75) * v^{0.16}$$

- Write a program to check if a number is even or not.
- Write a Program to find the greatest of three numbers.
- Write a program to check if a given year is leap year or not.
- Write a program to check is a number is palindrome or not
  - Hint
  - Input Number = 123
  - Non palindrome because the reverse of this number is 321
  - A number is palindrome when it's reverse is same as the original number
    - Like 12321 = 12321
- If age of John, Kevin and Justin is input through the keyboard, write a program to find out who is the youngest of them all.
- Write a Program to check if a triangle is valid or not. A triangle is only valid when the sum of its angle is 180
  - Like  $30 + 30 + 30 = 120$  (Not valid)
  - $60 + 60 + 60 = 180$  (Valid)
- Write a program to find out the absolute value of a number (Hint use abs() Function) (You need to research a about the how to use abs() & what is absolute number).
- Given the length and breadth of a rectangle find out the Perimeter and area and the check if the area is greater than the perimeter or not.