Exercise 2

1. Write a C program that accepts an employee's ID, total worked hours of a month and the amount he received per hour. Print the employee's ID and salary (with two decimal places) of a particular month.    
   Test Data :  
   Input the Employees ID: 342  
   Input the working hrs: 8  
   Salary amount/hr: 15000  
   Expected Output:  
   Employees ID = 342  
   Salary = U$ 120000.00
2. Write a C program to calculate the distance between the two points.    
   Test Data :  
   Input x1: 25  
   Input y1: 15  
   Input x2: 35  
   Input y2: 10  
   Expected Output:  
   Distance between the said points: 11.1803
3. Write a C program to convert a given integer (in seconds) to hours, minutes and seconds.    
   Test Data :  
   Input seconds: 25300  
   Expected Output:  
   There are:  
   H:M:S - 7:1:40
4. Write a C program to check whether a given integer is positive even, negative even, positive odd or negative odd. Print even if the number is 0.    
   Test Data :  
   Input an integer: 13  
   Expected Output:  
   Positive Odd
5. Write a C program that reads two integers and checks whether they are multiplied or not.    
   Test Data :  
   Input the first number: 5  
   Input the second number: 15  
   Expected Output:  
   Multiplied!
6. Write a C program to return the absolute value of a long integer.

*Test Data and Expected Output* :

Input number (positive or negative) : 25

The absolute value of number is : 25

Input number (positive or negative) : -125

The absolute value of number is : 125

1. Write a program that reads two numbers and divide the first number by second number. If the division not possible print "Division not possible".    
   Test Data :  
   Input two numbers:  
   x: 25  
   y: 5  
   Expected Output: 5.0
2. Write a C program that accepts three integers and find the maximum of three.   
   Test Data :  
   Input the first integer: 25  
   Input the second integer: 35  
   Input the third integer: 15  
   Expected Output:  
   Maximum value of three integers: 35
3. Write a C program to check whether an alphabet is a vowel or consonant.    
   Test Data :  
   k  
   Expected Output :  
   The alphabet is a consonant.
4. Write a program in C to read any digit, display in the word.    
   Test Data :  
   4  
   Expected Output :  
   Four