

Assignment 1

Date: 10-Aug-2020

Q1: Write a program to evaluate the area and perimeter of the rectangle.

Q2: Write a program that asks for your first name and last name, and then prints the names in the format last name, first name.

Q3: Write a program to accept 2 numbers and tell whether the product of the two numbers are equal to or greater than 1000.

Q4: Write a program to print the series 100, 95, 90, 85,.., 5.

Q5: Write a program to generate the Fibonacci series. (1,1,2,3,5,8, 13,.....).

Q6: Write a program that accepts the following numbers in an array and reverses the array.34,45,56,67,89.

Q7: Declare two variables x and y. Assign values to these variables. Number x should be printed only if it is less than 2000 or greater than 3000, and number y should be printed only if it is between 100 and 500.

Q8. Write a program to evaluate the net salary of an employee given the following constraints:

Basic salary : \$ 12000

DA : 12% of Basic salary

HRA : \$150

TA : \$120

Others : \$450

Tax cuts –

a) PF :14% of Basic salary and

b) IT: 15% of Basic salary

Net Salary = Basic Salary + DA + HRA + TA + Others – (PF + IT)

Q9: Programs Based on Basic pointer.

- a) Write a C Program to print the value and the address of a variable without using pointer.
- b) Write a C Program to create, initialize, assign, and access a pointer variable.
- c) Program to swap two numbers using pointers.
- d) Program to change the value of constant integer using pointers.
- e) Program to print a string using pointer.
- f) Write the C Code to print the value and the address of a variable with the help of pointer.