Class Test II

B Batch

15-12-2022

1. Write a C Program to check whether the entered character is an uppercase vowel or a lowercase vowel.
2. Write a C program to check whether a given number is positive/negative and even/odd.
3. Write a C program to accept three integers and find the largest number.
4. Write a C program to accept three integers and print in ascending order.
5. C program to input all sides of a rectangle and check whether the rectangle is valid or not. If rectangle, check whether the entered sides are valid for a square (using if-else).

Q2. Using loop controls   (5 marks)

1. Write a program in C to display the first n odd terms of the Fibonacci series and their product.
2. Write a program in C to display the n terms of the sequence 1,4,10,19,... numbers and their average.
3. Write a C program to find the HCF (Highest Common Factor) of two numbers.
4. Write a program in C to display the n terms of the sequence 1,2,2,4,8,... and their sum
5. Write a program in C to display the n terms of the series 3,3,4,8,17,...) numbers and their sum.

1. Write a program in C to display the sum of n terms of the series [9+99+999+9999+...].
2. Write a program in C to display the sum of n terms of the series $[1 + x^2 + \frac{x^4}{2!} + \frac{x^6}{3!} + \cdots]$.
3. C Program to print the reverse multiplication table of the user-entered integer using a recursive function call.
4. Write a program in C to display the sum of n terms of the series $[1 + 2x + 3\frac{x^2}{2!} + 4\frac{x^3}{3!} + \cdots]$.
5. C Program to display and find the sum of the first 'n' odd prime numbers in the Fibonacci series.