SET 28 (Classes and Objects and Constructors)

1.WAP to find mean and standard Deviation of an array in a function of a class and return both by embedding it into an object of another class.

2.WAP to find mean and standard Deviation of an array in a function of a class and assign the values of the big and small as static data members of another class and access them into main.

3.WAP to find the trace and normal of a matrix through a class and access those values in the main function by returning both by embedding it into an object of another class.

4.WAP to find the trace and normal of a matrix through a class and access those values in the main class by assigning them as data members of a third class.

5.WAP to find the GCD of two numbers using a static member function.

6.WAP to find the sum of first n Fibonacci number using the static member function.

7.WAP to find the area of different entities like circle, triangle, square and rectangle using function overloading.

8.WAP to find the average of two numbers, three numbers, four numbers and n numbers using function overloading.

9. WAP to find the sum of two number using the default constructors

10.WAP to find the GCD of two numbers using the default constructor

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