PF LAB #15
LAB TASK

Q # 1. Write a headerfile name (matrix.h) that contains the following functions

- Scalar_Add(int a[2][2]) //Ask user to enter a number and print scalar addition result
- Scalar _Sub(int a[2][2]) // Ask user to enter a number and print scalar subtraction result
- Scalar _Mul (int a[2][2]) // Ask user to enter a number and print scalar multiplication result
- Matrix_Add(int a[2][2] , int b[2][2]) //print the matrix addition result
- Matrix_Sub(int a[2][2] , int b[2][2]) //print the matrix subtraction result
- Matrix_mul(int a[2][2] , int b[2][2]) //print the matrix multiplication result
- Transpose(int a[2][2]) //print the transpose of the matrix
- Adjoint(int a[2][2])//print the adjoint of matrix
- Determinant (int a[2][2])//print the determinant of matrix
- Inverse(int a[2][2]) //print the inverse of matrix
- Identity (int a[2][2]) //return true if the given matrix is identity matrix else return false.

Create a .cpp file, include the header file you make(#include "number.h") and call all the functions of header file from the main function.