


Write a c program to perform matrix multiplication

 C:\Users\R.NANDINI\OneDrive\Documents\matrix multiplicaion.exe

```
Enter Rowss and columns of Mat 1 :
2
2
Enter Rowss and columns of Mat 1 :
2
2
Enter Elements of Mat1 :
1 2
3 4
Enter Elements of Mat2 :
6 7
8 9
Matrix 1 X Matrix 2 :
22    25
50    57


-----
Process exited after 37.99 seconds with return value 0
Press any key to continue . . . █
```

2. Write a c program to find odd or even number from a given set of numbers

 C:\Users\R.NANDINI\OneDrive\Documents\odd numbers.exe

```
Enter Array Size:5
Enter Array Elements :
1
2
3
4
5
EVEN COUNT : 2
ODD COUNT : 3
-----
Process exited after 61.75 seconds with return value 0
Press any key to continue . . .
```

3. Write a c program to find factorial of a given number with out using recursion

 C:\Users\R.NANDINI\OneDrive\Documents\factorial.exe

```
Enter A Number : 6
Factorial : 720
-----
Process exited after 13.53 seconds with return value 0
Press any key to continue . . .
```

4. Write a c program to find Fibonacci series with out recursion

 C:\Users\R.NANDINI\OneDrive\Documents\recursion.exe


```
Enter A Number : 7
Factorial : 5040
-----
Process exited after 22.23 seconds with return value 0
Press any key to continue . . .
```

5. Write a c program to find factorial of a given number using recursion

 C:\Users\R.NANDINI\OneDrive\Documents\without recursion.exe

```
Enter a Limit: 20
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987
1597 2584 4181
-----
Process exited after 97.12 seconds with return value 0
Press any key to continue . . .
```

6. Write a c program to find to find Fibonacci series using recursion

 C:\Users\R.NANDINI\OneDrive\Documents\recursion 6.exe

```
Enter A Number : 15
Factorial : 2004310016
-----
Process exited after 22.08 seconds with return value 0
Press any key to continue . . .
```

8. write a c program to search a number using linear search method

C:\Users\R.NANDINI\OneDrive\Documents\array.exe

```
Enter Array Size : 6
Enter Array Elements : 1
2
3
4
5
6
Enter Search Element :4
Element Found at : 3
-----
Process exited after 38.87 seconds with return value 0
Press any key to continue . . .
```

9. Write a c program to search a number using binary search method

C:\Users\R.NANDINI\OneDrive\Documents\binary search.exe

```
Enter Array Size : 7
Enter Array Elements : 1
2
3
4
5
6
7
Enter Search Element :4
Element Found at index : 3
-----
Process exited after 39.33 seconds with return value 0
Press any key to continue . . .
```