**Practice Lab Thirteen**

**(You have to solve all the problems)**

**\*\*\* Please note that you are only allowed to use loop to take input in main function.**

**\*\*\* Except problem one, you are only allowed to print in main function.**

1. Write a program(WAP) to print the first n numbers in reverse order.
2. WAP to check whether a number is prime.
3. WAP to print all the odd numbers in an array.
4. WAP to print all the prime numbers in between [a,b], where 1<|a-b|<1000
5. WAP to check whether a string is palindrome.
6. WAP to reverse an array.
7. WAP to calculate the sum of all digits of a number.
8. WAP to determine the GCD of two numbers.
9. WAP to determine the largest elements in an array.
10. WAP to search a number in an array. You have to find the index of that number(you can assume that all the numbers are unique in that array). Otherwise print “Not Found” in main function.
11. WAP to multiply two matrix.