1]

Write a program to check whether the given number is prime or not using function.

Take input in main function.

If the number is prime print the prime in main

Follow the given function declaration.

void prime(int \*,int \*);

2]

Write a program to count set bit in a given number using function.

Take three number from user and count set bit in each number using function but print the result in main function.

Follow the given function declaration.

Void binary(int \*,int \*,int \*);

3]

Write a program to count prime digit in a given number.

Take input in main function.

Print the count in main function.

Follow the given function declaration.

Void count\_prime(int \*,int \*);

4]

Write a program to remove the digit which contain even set bit count.

Take input in main function.

Delete the digit which contain even set bit count using function but print the result in main()

Follow the given function declaration.

Void even\_delete(int \*);

5]

Write a program to count element in the array whose sum is prime.

Take input in the main function.

Follow the given function declaration.

Void array\_sum(int \*,int \* **,**int \*);

6]

Write a program to clear all the bit in the second byte of each array element and

print the result in the main function.

Use the following function declrartion.

Void array(int \*,int \*);

7]

Write a program to count the length of each word in a given string if the wordlength is odd reverse the word.

Use Following function prototype.

void length(char \*,int \*);

void reverse(char \*,int);

Example:

Input: Abcd 12345 abd

Output : Abcd 54321 dba

8]

Write a program to reverse the word for which set bit count is even in a string.

Use following function prototype.

set\_count(char \*,int \*);

void reverse(char \*);

9]

Write a program to replace each element of integer array by the fifth prime number from the corresponding element.

Follow the given function prototype

void prime(int \*,int \*);

10]

Take three number from user and count set bit in that number using function and print the result in main.

Follow following function prototype

void (int \*,int \*,int \*);

11]

Write a program to delete armstrong number in integer array.

Follow the given function prototype.

Void armstrong(int \*,int \*);

void power(int\*, int \*,int \*);

void delete(int \*,int \*);

12]

Write a program to reverse the word which contain vowel.

Follow the given function prototype.

Int checkvowel(char \*);

void reverse(char \*);

13]

Write a program to reverse the number in the array if its first digit is odd.

Example: Int a[5]={123,245,312,599,600};

Output : a[5]={321,245,213,995,600};

int checkdigit(int );

void reverse(int \*,int \*);

Note:

Once understand function try to do all LMS array and string question using function and pointer only.