1. **Find the number of occurrences of given word in a sentence.**

static int check(String sentence,String word){

1. **Ezee Shop has an online portal where customers can check about different products. Customers can search for products by giving a key word. Write a program that accepts a product name and a key word, and checks if the key word is present in the given product name.**

static String[] initProductNames()

static boolean isPresent(String[] productNames, String keyword)

1. **Write a program to find the availability of given number in the list.**

static int findPosition(int num,int[] nos)

1. Write a program that will reverse the sequence of letters in each word of a chosen paragraph . For instance, " To be or not to be " Would become " oT eb ro ton ot eb"

static String makeReverse(String str)

1. Write a function find and replace which will replace the given string from the source string.
2. Write a function findPrime which will accept range of values from user and return int array from function and print all numbers from it
3. Write a function to find various combinations of entered string

static String[] getCombinations(String str)

For Eg str= “123”

Output :

123

132

213

231

312

321

1. Create a two dimensional character array which will accept only two characters X or O. populate array with different combinations of X and O characters. If Same character appears at either diagonal position or in the same line, return that character.

For eg.

**X** O O

O **X** O

O O **X**

**X** appears at diagonal position hence **return X**.