Countsplchar - Notepad

File Edit View

```
import java.util.Scanner;
class Countsplchar {
public static void main(String args[]){
String str;
int Alphabets=0,num=0,space=0,Special=0;
Scanner scan=new Scanner(System.in);
System.out.println("Enter the String:  ");
str=scan.nextLine();
for(int i=0; i<str.length(); i++){
char ch=str.charAt(i);
if(ch>='A' && ch<='Z' || ch>='a' && ch<='z'){
    Alphabets++;
}
else if(ch>='0' && ch<='9'){
    num++;
}
else if(ch ==' '){
    space++;
}
else{
    Special++;
}

}
System.out.println("\nAlphabet letters: "+Alphabets);
System.out.println("Number: "+num);
System.out.println("Space: "+space);
System.out.println("Special characters: "+Special);
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.

C:\Users\prath>cd C:\Users\prath\OneDrive\Documents\192110020\Easy

C:\Users\prath\OneDrive\Documents\192110020\Easy>Java CompositeNum.java
ENTER ANY NUMBER :
1114
YES, IT IS A COMPOSITE NUMBER !!

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar
Error: Could not find or load main class Countsplchar
Caused by: java.lang.ClassNotFoundException: Countsplchar

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
SqweRtyui

Alphabet letters: 9
Number: 0
Space: 0
Special characters: 0

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
!@#dfhj123

Alphabet letters: 4
Number: 3
Space: 0
Special characters: 3

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

CountVowels - Notepad

File Edit View

```
import java.util.Scanner;
public class CountVowels {
  public static void main(String[] args)
    {
        Scanner in = new Scanner(System.in);
        System.out.print("Input the string: ");
        String str = in.nextLine();

        System.out.print("Number of  Vowels in the s
    }
 public static int count_Vowels(String str)
    {
        int count = 0;
        for (int i = 0; i < str.length(); i++)
        {
            if (str.charAt(i) == 'a' || str.charAt(i
                    || str.charAt(i) == 'o' || str.c
            {
                count++;
            }
        }
        return count;
    }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
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Caused by: java.lang.ClassNotFoundException: Countsplchar

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
SqweRtyui

Alphabet letters: 9
Number: 0
Space: 0
Special characters: 0

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
!@#dfhj123

Alphabet letters: 4
Number: 3
Space: 0
Special characters: 3

C:\Users\prath\OneDrive\Documents\192110020\Easy>java CountVowels.java
Input the string: aeiou
Number of  Vowels in the string: 5

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

DecimalToBinndOct - Notepad

File Edit View

```
import java.util.Scanner;
public class DecimalToBinndOct {
public static void main(String[] args)
{
Scanner in = new Scanner(System.in);
int[] octal_numvalues = {0, 1, 10, 11, 100, 101, 110
long octal_num, tempoctal_num, binary_num, place;
int rem;
System.out.print("Input any octal number: ");
octal_num = in.nextLong();
tempoctal_num = octal_num;
binary_num = 0;
place = 1;
while (tempoctal_num != 0)
{
rem = (int)(tempoctal_num % 10);
binary_num = octal_numvalues[rem] * place + binary_n
tempoctal_num /= 10;
place *= 1000;
}
System.out.print("Equivalent binary number: " + bina
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.

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Error: Could not find or load main class Countsplchar
Caused by: java.lang.ClassNotFoundException: Countsplchar

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
SqweRtyui

Alphabet letters: 9
Number: 0
Space: 0
Special characters: 0

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
!@#dfhj123

Alphabet letters: 4
Number: 3
Space: 0
Special characters: 3

C:\Users\prath\OneDrive\Documents\192110020\Easy>java CountVowels.java
Input the string: aeiou
Number of  Vowels in the string: 5

C:\Users\prath\OneDrive\Documents\192110020\Easy>java DecimalToBiinndOct.java
Error: Could not find or load main class DecimalToBiinndOct.java
Caused by: java.lang.ClassNotFoundException: DecimalToBiinndOct.java

C:\Users\prath\OneDrive\Documents\192110020\Easy>java DecimalToBinndOct.java
Input any octal number: 5646516
Equivalent binary number: 887637974155324 3030

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

Fibonacciseries - Notepad

File Edit View

```
public class Fibonacciseries {
  public static int fibRecursion(int count) {
    if (count == 0) {
      return 0;
    }

    if (count == 1 || count == 2) {
      return 1;
    }


    return fibRecursion(count - 1) + fibRecursion(co
  }

  public static void main(String args[]) {
    int fib_len = 9;

    System.out.print("Fibonacci Series of " + fib_le

    for (int i = 0; i < fib_len; i++) {
      System.out.print(fibRecursion(i) + " ");
    }
  }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
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Error: Could not find or load main class Countsplchar
Caused by: java.lang.ClassNotFoundException: Countsplchar

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
SqweRtyui

Alphabet letters: 9
Number: 0
Space: 0
Special characters: 0

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Countsplchar.java
Enter the String:
!@#dfhj123

Alphabet letters: 4
Number: 3
Space: 0
Special characters: 3

C:\Users\prath\OneDrive\Documents\192110020\Easy>java CountVowels.java
Input the string: aeiou
Number of  Vowels in the string: 5

C:\Users\prath\OneDrive\Documents\192110020\Easy>java DecimalToBiinndOct.java
Error: Could not find or load main class DecimalToBiinndOct.java
Caused by: java.lang.ClassNotFoundException: DecimalToBiinndOct.java

C:\Users\prath\OneDrive\Documents\192110020\Easy>java DecimalToBinndOct.java
Input any octal number: 5646516
Equivalent binary number: 887637974155324 3030

C:\Users\prath\OneDrive\Documents\192110020\Easy>java Fibonacciseries.java
Fibonacci Series of 9 numbers is:
0 1 1 2 3 5 8 13 21
C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

FibonacciseriesSum - Notepad

File Edit View

```
import java.util.Scanner;
public class FibonacciseriesSum {
   public static void main(String[] args){
      int my_input, j, sum;
      my_input = 7;
      System.out.println("The value of N: ");
      int fabonacci[] = new int[2 * my_input + 1];
      fabonacci[0] = 0;
      fabonacci[1] = 1;
      sum = 0;
      for (j = 2; j <= 2 * my_input; j++) {
          fabonacci[j] = fabonacci[j - 1] + fabonacc
          if (j % 2 == 0)
            sum += fabonacci[j];
      }
      System.out.printf("The even sum of fibonacci s
   }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java FibonacciseriesSum.java
The value of N:
The even sum of fibonacci series till number 7 is 609
C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

HollowSquare - Notepad

File Edit View

```
import java.util.Scanner;
public class HollowSquare {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter row and col: ");
        int row = sc.nextInt();
        int col = sc.nextInt();
        for (int i = 1; i <=row; i++) {
            for (int j = 1; j <= col; j++)
                if((i==1 || i==col) || (j==1 || j==col))
                    System.out.print("*");
                else
                    System.out.print(" ");

            System.out.println();

        }
    }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java HollowSquare.java
Enter row and col:
4
4
****
*  *
*  *
****

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

InvertedPyramid - Notepad

File Edit View

```
public class InvertedPyramid {

  public static void main(String[] args) {
    int rows = 5;

    for(int i = rows; i >= 1; --i) {
      for(int space = 1; space <= rows - i; ++space)
        System.out.print("  ");
      }

      for(int j=i; j <= 2 * i - 1; ++j) {
        System.out.print("* ");
      }

      for(int j = 0; j < i - 1; ++j) {
        System.out.print("* ");
      }

      System.out.println();
    }
  }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java InvertedPyramid.java
* * * * * * * * *
  * * * * * * *
    * * * * *
      * * *
        *

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

LCMndGCD - Notepad

File Edit View

```
import java.util.Scanner;

public class LCMndGCD
{
    static int gcd(int x, int y)
    {
        int r=0, a, b;
        a = (x > y) ? x : y;
        b = (x < y) ? x : y;
        r = b;
        while(a % b != 0)
        {
            r = a % b;
            a = b;
            b = r;
        }
        return r;
    }

    static int lcm(int x, int y)
    {
        int a;
        a = (x > y) ? x : y;
        while(true)
        {
            if(a % x == 0 && a % y == 0)
                return a;
            ++a;
        }
    }
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java LCMndGCD.java
Enter the two numbers:
11
12
The GCD of two numbers is: 1
The LCM of two numbers is: 132

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

MatrixAddition - Notepad

File Edit View

```
import java.util.Scanner;
public class MatrixAddition
{
    public static void main(String[] args)
    {
        int p, q, m, n;
        Scanner s = new Scanner(System.in);
        System.out.print("Enter number of rows in f
        p = s.nextInt();
        System.out.print("Enter number of columns i
        q = s.nextInt();
        System.out.print("Enter number of rows in s
        m = s.nextInt();
        System.out.print("Enter number of columns i
        n = s.nextInt();
        if (p == m && q == n)
        {
            int a[][] = new int[p][q];
            int b[][] = new int[m][n];
            int c[][] = new int[m][n];
            System.out.println("Enter all the eleme
            for (int i = 0; i < p; i++)
            {
                for (int j = 0; j < q; j++)
                {
                    a[i][j] = s.nextInt();
                }
            }
            System.out.println("Enter all the eleme
            for (int i = 0; i < m; i++)
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java MatrixAddition.java
Enter number of rows in first matrix:1
Enter number of columns in first matrix:1
Enter number of rows in second matrix:1
Enter number of columns in second matrix:1
Enter all the elements of first matrix:
1
Enter all the elements of second matrix:
1
First Matrix:
1
Second Matrix:
1
Matrix after addition:
2

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

MatrixMultiplication - Notepad

File Edit View

```
import java.util.Scanner;

public class MatrixMultiplication
{
    public static void main(String args[])
    {
        int n;
        Scanner input = new Scanner(System.in);
        System.out.println("Enter the base of squar
        n = input.nextInt();
        int[][] a = new int[n][n];
        int[][] b = new int[n][n];
        int[][] c = new int[n][n];
        System.out.println("Enter the elements of 1
        for (int i = 0; i < n; i++)
        {
            for (int j = 0; j < n; j++)
            {
                a[i][j] = input.nextInt();
            }
        }
        System.out.println("Enter the elements of 2
        for (int i = 0; i < n; i++)
        {
            for (int j = 0; j < n; j++)
            {
                b[i][j] = input.nextInt();
            }
        }
        System.out.println("Multiplying the matrice
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

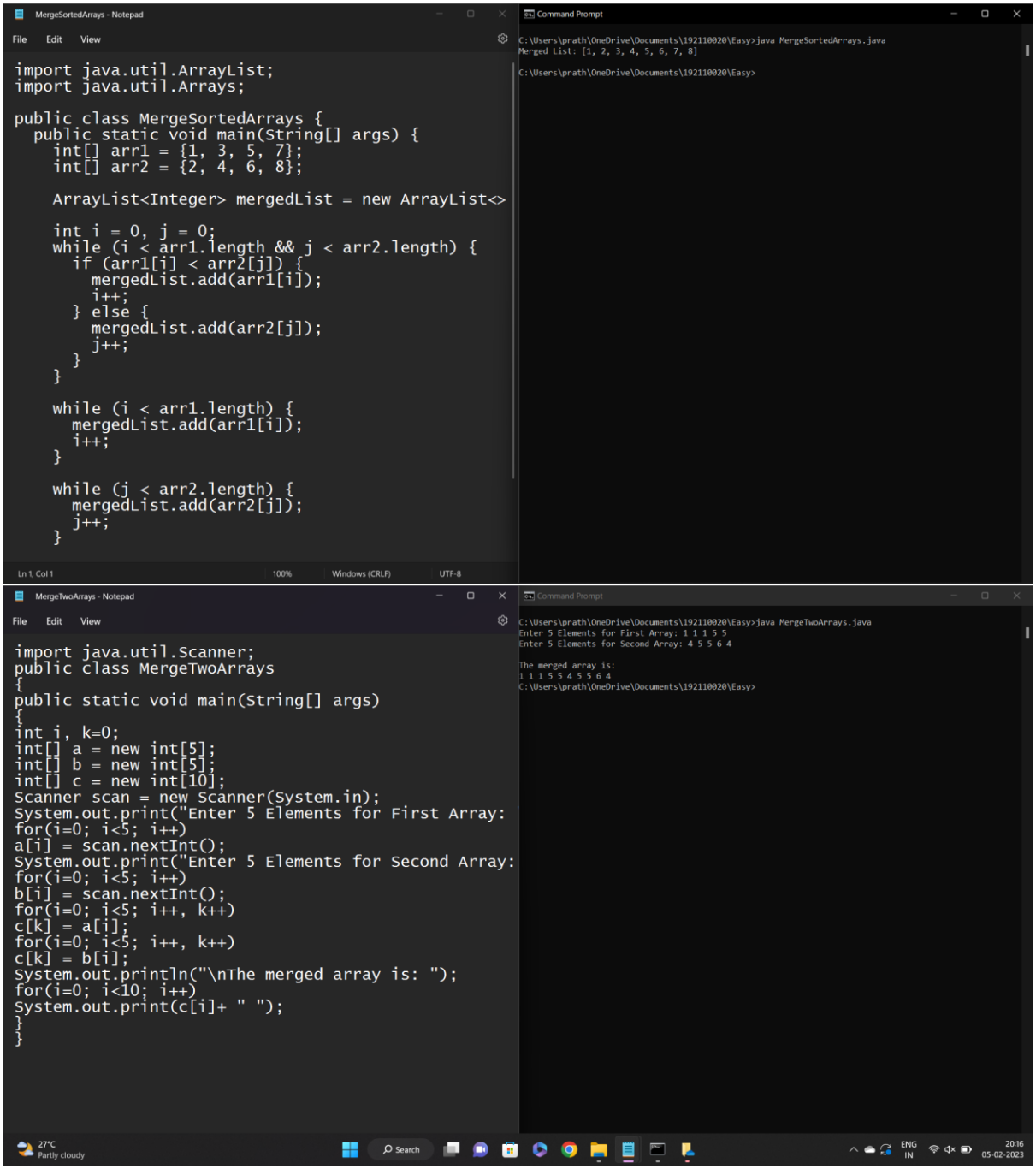
Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java MatrixMultiplication.java
Enter the base of squared matrices
1
Enter the elements of 1st martix row wise

1
Enter the elements of 2nd martix row wise

1
Multiplying the matrices...
The product is:
1

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```


MergeSortedArrays - Notepad
File Edit View
import java.util.ArrayList;
import java.util.Arrays;
public class MergeSortedArrays {
public static void main(String[] args) {
int[] arr1 = {1, 3, 5, 7};
int[] arr2 = {2, 4, 6, 8};
ArrayList<Integer> mergedList = new ArrayList<>
int i = 0, j = 0;
while (i < arr1.length && j < arr2.length) {
if (arr1[i] < arr2[j]) {
mergedList.add(arr1[i]);
i++;
} else {
mergedList.add(arr2[j]);
j++;
}
}
while (i < arr1.length) {
mergedList.add(arr1[i]);
i++;
}
while (j < arr2.length) {
mergedList.add(arr2[j]);
j++;
}
Ln 1, Col 1
100%
Windows (CRLF)
UTF-8
Command Prompt
C:\Users\prath\OneDrive\Documents\192110020\Easy>java MergeSortedArrays.java
Merged List: [1, 2, 3, 4, 5, 6, 7, 8]
C:\Users\prath\OneDrive\Documents\192110020\Easy>

MergeTwoArrays - Notepad
File Edit View
import java.util.Scanner;
public class MergeTwoArrays
{
public static void main(String[] args)
{
int i, k=0;
int[] a = new int[5];
int[] b = new int[5];
int[] c = new int[10];
Scanner scan = new Scanner(System.in);
System.out.print("Enter 5 Elements for First Array:
for(i=0; i<5; i++)
a[i] = scan.nextInt();
System.out.print("Enter 5 Elements for Second Array:
for(i=0; i<5; i++)
b[i] = scan.nextInt();
for(i=0; i<5; i++, k++)
c[k] = a[i];
for(i=0; i<5; i++, k++)
c[k] = b[i];
System.out.println("\nThe merged array is: ");
for(i=0; i<10; i++)
System.out.print(c[i]+ " ");
}
}
Command Prompt
C:\Users\prath\OneDrive\Documents\192110020\Easy>java MergeTwoArrays.java
Enter 5 Elements for First Array: 1 1 1 5 5
Enter 5 Elements for Second Array: 4 5 5 6 4
The merged array is:
1 1 1 5 5 4 5 5 6 4
C:\Users\prath\OneDrive\Documents\192110020\Easy>
27°C
Partly cloudy
Search
ENG
IN
20:16
05-02-2023

PascalsTriangle - Notepad

File Edit View

```
import java.util.*;

class PascalsTriangle
{
    public static void main(String args[])
    {
        int i,j,n,coef=1,space;
        Scanner sc = new Scanner(System.in);
            System.out.println("Enter the no of lines
        n=sc.nextInt();
            for(i=0;i<n;i++)
            {

                for(space=1;space<=n-i;space++)
               {
               System.out.print("  ");
               }
                for(j=0;j<=i;j++)
               {
               if(j==0 || i==0)
                  coef=1;
                  else
                  coef = coef*(i-j+1)/j;

                  System.out.printf("%4d",coef);
            }

               System.out.println();
            }
    }
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java PascalsTriangle.java
Enter the no of lines
5
           1
         1   1
       1   2   1
     1   3   3   1
   1   4   6   4   1

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

RectanglePattern - Notepad

File Edit View

```
import java.util.Scanner;

public class RectanglePattern{
    private static Scanner sc;
    public static void main(String[] args)
    {
        int rows, columns, i, j;
        char ch;
        sc = new Scanner(System.in);

        System.out.print(" Please Enter Number of Rows
        rows = sc.nextInt();

        System.out.print(" Please Enter Number of Colu
        columns = sc.nextInt();

        System.out.print(" Please Enter any Character
        ch = sc.next().charAt(0);

        for(i = 1; i <= rows; i++)
        {
            for(j = 1; j <= columns; j++)
            {
                System.out.print(ch + " ");
            }
            System.out.print("\n");
        }
    }
}
```

Ln 21, Col 4 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java RectanglePattern.java
 Please Enter Number of Rows : 5
 Please Enter Number of Columns : 5
 Please Enter any Character : %
% % % % %
% % % % %
% % % % %
% % % % %
% % % % %

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

RemoveDupchar - Notepad

File Edit View

```
import java.util.Arrays;
public class RemoveDupchar
{
static void RemoveDupchar(String str)
{
int index1 = 1;
int index2 = 1;
char arr[] = str.toCharArray();
while (index1 != arr.length)
{
if(arr[index1] != arr[index1-1])
{
arr[index2] = arr[index1];
index2++;
}
index1++;
}
str = new String(arr);
System.out.println(str.substring(0, index2));
}
static String sortString(String str)
{
char temp[] = str.toCharArray();
Arrays.sort(temp);

        str = new String(temp);

        return str;
    }
```

Ln 13, Col 30 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java RemoveDupchar.java
        AIJPaaaaceeggiiiiilmmnnnnnnoopprrrstttv
 AIJPacegilmnoprstv

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

RemoveVow - Notepad

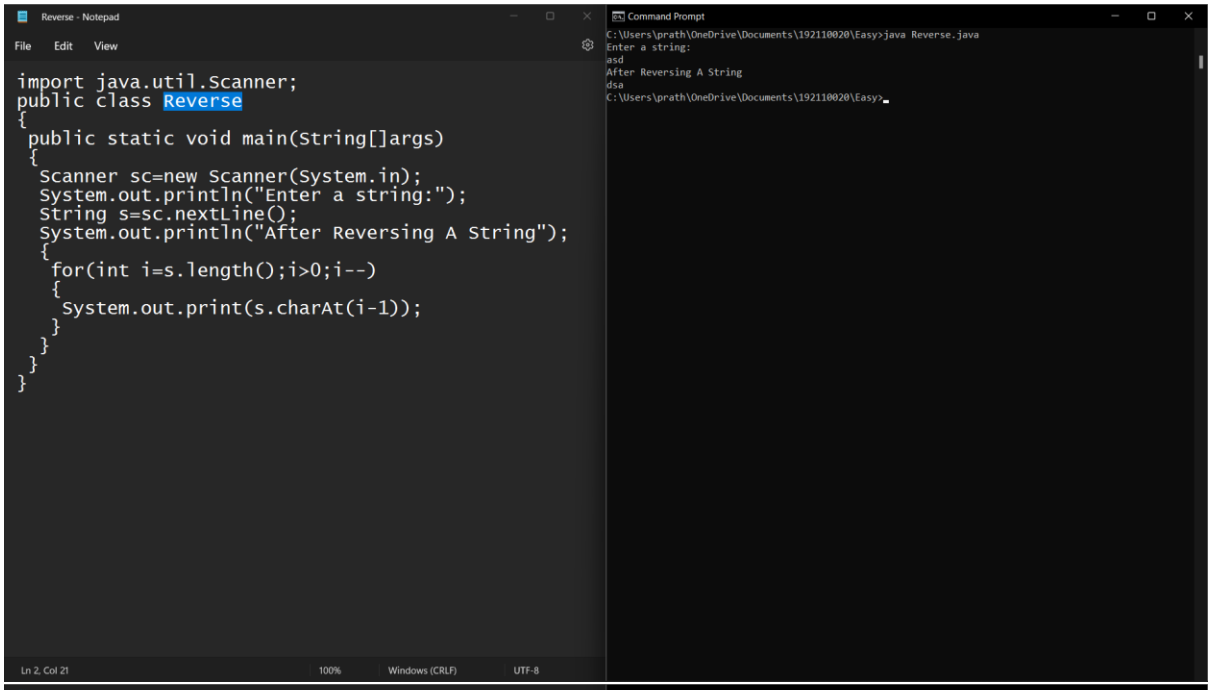
File Edit View

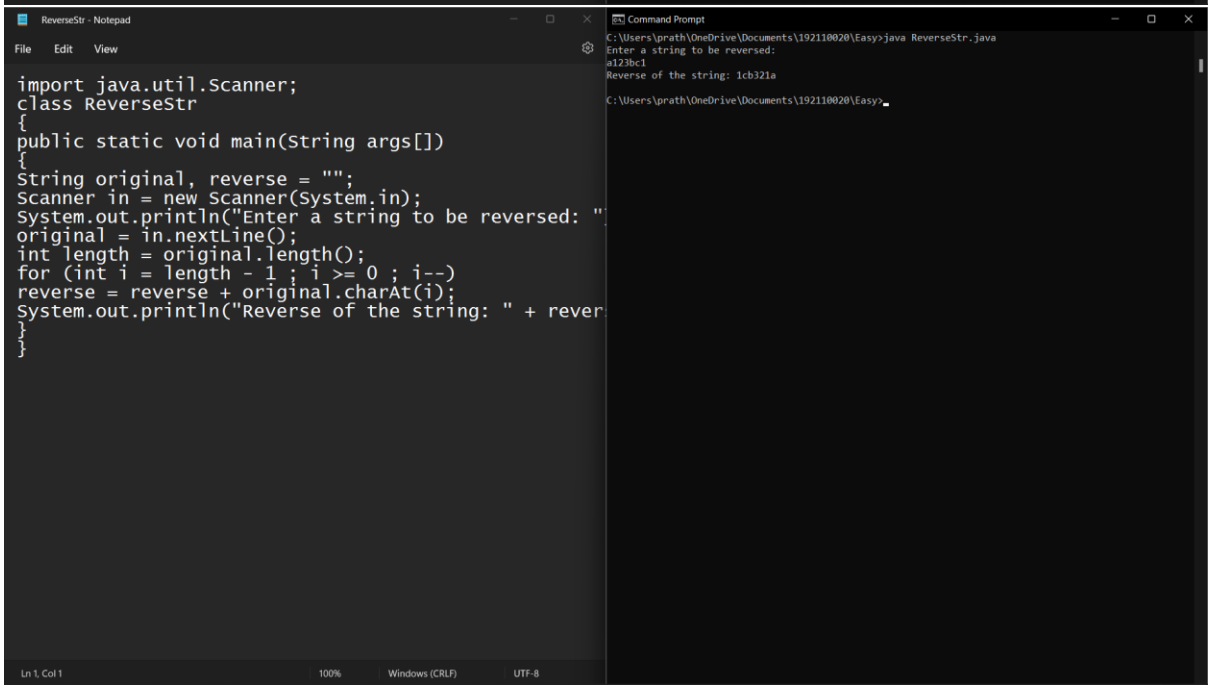
```
import java.util.Scanner;
class RemoveVow{
public static void main(String args[]) {
RemoveVow obj = new RemoveVow ();
String str, removedString = "";
Scanner sc = new Scanner(System.in);
System.out.print("Enter a String : ");
str = sc.nextLine();
str = str.toLowerCase();
for (int i = 0; i < str.length(); i++) {
if (!obj.isVowel(str.charAt(i))) {
removedString = removedString + str.charAt(i);
}
}
System.out.print("String after removing vowels : ");
System.out.print(removedString);
}
public boolean isVowel(char c) {
String vowels = "aeiou";
for (int i = 0; i < 5; i++) {
if (c == vowels.charAt(i)) {
return true;
}
}
return false;
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java RemoveVow.java
Enter a String : aseiou
String after removing vowels : s
C:\Users\prath\OneDrive\Documents\192110020\Easy>
```


Reverse - Notepad
File Edit View
import java.util.Scanner;
public class Reverse
{
public static void main(String[]args)
{
Scanner sc=new Scanner(System.in);
System.out.println("Enter a string:");
String s=sc.nextLine();
System.out.println("After Reversing A String");
{
for(int i=s.length();i>0;i--)
{
System.out.print(s.charAt(i-1));
}
}
}
}
Ln 2, Col 21
100%
Windows (CRLF)
UTF-8
Command Prompt
C:\Users\prath\OneDrive\Documents\192110020\Easy>java Reverse.java
Enter a string:
asd
After Reversing A String
dsa
C:\Users\prath\OneDrive\Documents\192110020\Easy>


ReverseStr - Notepad
File Edit View
import java.util.Scanner;
class ReverseStr
{
public static void main(String args[])
{
String original, reverse = "";
Scanner in = new Scanner(System.in);
System.out.println("Enter a string to be reversed: "
original = in.nextLine();
int length = original.length();
for (int i = length - 1 ; i >= 0 ; i--)
reverse = reverse + original.charAt(i);
System.out.println("Reverse of the string: " + rever
}
}
Ln 1, Col 1
100%
Windows (CRLF)
UTF-8
Command Prompt
C:\Users\prath\OneDrive\Documents\192110020\Easy>java ReverseStr.java
Enter a string to be reversed:
a123bc1
Reverse of the string: 1cb321a
C:\Users\prath\OneDrive\Documents\192110020\Easy>

RightTriangle - Notepad

File Edit View

```
import java.util.Scanner;
class RightTriangle {
public static void main(String args[])
{
Scanner sc = new Scanner(System.in);
int n=sc.nextInt();
int a, b;
for(a = 0; a < n; a++) {
for(b = 0; b <= a; b++) {
System.out.print("* ");
}
System.out.println();
}
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java RightTriangle.java

5
*
* *
* * *
* * * *
* * * * *

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

SepVowels - Notepad

File Edit View

```
import java.util.Scanner;
public class SepVowels {
public static void main(String[] args)
{
Scanner in = new Scanner(System.in);
System.out.print("ENTER THE STRING: ");
String str = in.nextLine();
System.out.print("Number of  Vowels in the string: "
}
public static int count_Vowels(String str)
{
int count = 0;
for (int i = 0; i < str.length(); i++)
{
if (str.charAt(i) == 'a' || str.charAt(i) == 'e' ||
{
count++;
}
}
return count;
}
}
```

Ln 2, Col 23 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java SepVowels.java
ENTER THE STRING: asdf
Number of  Vowels in the string: 1

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

*SimpleInterest - Notepad

File Edit View

```
import java.util.Scanner;
public class SimpleInterest
{
public static void main(String[] args)
{
float p, r, t, si;
Scanner scan = new Scanner(System.in);
System.out.print("Enter the Principle Amount: ");
p = scan.nextFloat();
System.out.print("Enter the Rate of Interest: ");
r = scan.nextFloat();
System.out.print("Enter the Time Period (in Year): ");
t = scan.nextFloat();
si = (p*r*t)/100;
System.out.println("\nSimple Interest = " +si);
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java SimpleInterest.java
Enter the Principle Amount: 10000
Enter the Rate of Interest: 125
Enter the Time Period (in Year): 12

Simple Interest = 150000.0

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

StrToInt - Notepad

File Edit View

```
import java.util.Scanner;
class StrToInt {

 public static void main(String[] args)
    {
        Scanner in = new Scanner(System.in);
        System.out.print("Input a number(string): ")
        String str1 = in.nextLine();
      int result = Integer.parseInt(str1);
        System.out.printf("The integer value is: %d"
      System.out.printf("\n");
    }
}
```

Ln 9, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java StrToInt.java
Input a number(string): 123
The integer value is: 123

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

Valid - Notepad

File Edit View

```
import java.util.Scanner;
public class Valid
{
 public static void main(String[]args)
 {
  Scanner sc=new Scanner(System.in);
  System.out.println("Enter A Username:");
  String s1=sc.nextLine();
  System.out.println("ReEnter A Username:");
  String s2=sc.nextLine();
  {
   if(s1.equals(s2))
   {
    System.out.println("Valid");
   }
   else
    System.out.println("Invalid");
  }
 }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java Valid.java
Enter A Username:
abc@123
ReEnter A Username:
abc@321
Invalid

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

Vote - Notepad

File Edit View

```
import java.util.Scanner;
class Vote {
public static void main(String[] args)
{
int age;
Scanner scan = new Scanner(System.in);
System.out.println("ENTER THE PERSON'S AGE:");
age = scan.nextInt();
if(age>=18)
{
System.out.println("Eligible for voting");
}
else
{
System.out.println("Not Eligible for Voting");
}
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java Vote.java
ENTER THE PERSON'S AGE:
12
Not Eligible for Voting

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

VowndCon - Notepad

File Edit View

```
import java.util.Scanner;
public class VowndCon
{
public static void main(String [] args)
{
int i;
Scanner sc = new Scanner(System.in);
System.out.println("ENTER A WORD: ");
String s=sc.nextLine();
for (i=0;i<=s.length()-1; i++)
{
char ch=s.charAt(i);
if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='
{
System.out.println(ch + "is Vowel");
}
else
{
System.out.println(ch + "is Consonant");
}
}
}
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
C:\Users\prath\OneDrive\Documents\192110020\Easy>java VowndCon.java
ENTER A WORD:
asdio
ais Vowel
sis Consonant
dis Consonant
iis Vowel
ois Vowel

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```

CompositeNum - Notepad

File Edit View

```
import java.util.Scanner;
public class CompositeNum
{
   public static void main(String[] args)
   {
      System.out.println("ENTER ANY NUMBER :");
      Scanner sc = new Scanner(System.in);
      int n = sc.nextInt();
      int count = 0;
      for(int i = 1; i <= n; i++) {
         if (n % i == 0)
            count++;
      }
      if (count >3)
         System.out.println("YES, IT IS A COMPOSITE
      else
         System.out.println("NO, IT IS NOT A COMPOSI
   }
}
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

Command Prompt

```
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.

C:\Users\prath>cd C:\Users\prath\OneDrive\Documents\192110020\Easy

C:\Users\prath\OneDrive\Documents\192110020\Easy>Java CompositeNum.java
ENTER ANY NUMBER :
1114
YES, IT IS A COMPOSITE NUMBER !!

C:\Users\prath\OneDrive\Documents\192110020\Easy>
```