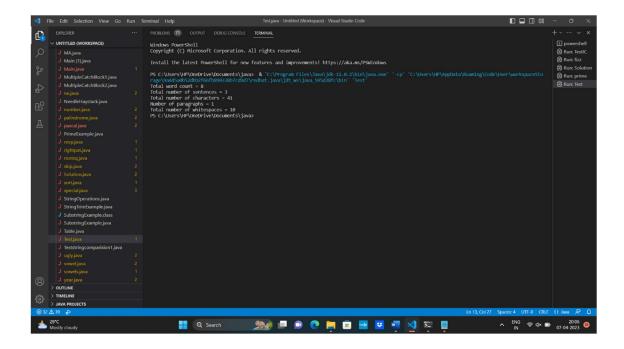
```
import java.io.*;
public class Test {
    public static void main(String[] args)
        throws IOException
        File file = new File("C:\\Users\\HP\\Desktop\\text.txt");
        FileInputStream fileInputStream = new FileInputStream(file);
        InputStreamReader inputStreamReader = new
InputStreamReader(fileInputStream);
        BufferedReader bufferedReader = new BufferedReader(inputStreamReader);
        String line;
        int wordCount = 0;
        int characterCount = 0;
        int paraCount = 0;
        int whiteSpaceCount = 0;
        int sentenceCount = 0;
        while ((line = bufferedReader.readLine()) != null) {
            if (line.equals("")) {
                paraCount += 1;
            else {
                characterCount += line.length();
                String words[] = line.split("\\s+");
                wordCount += words.length;
                whiteSpaceCount += wordCount - 1;
                String sentence[] = line.split("[!?.:]+");
                sentenceCount += sentence.length;
        if (sentenceCount >= 1) {
            paraCount++;
        System.out.println("Total word count = "+ wordCount);
        System.out.println("Total number of sentences = "+ sentenceCount);
        System.out.println("Total number of characters = "+ characterCount);
        System.out.println("Number of paragraphs = "+ paraCount);
        System.out.println("Total number of whitespaces = "+ whiteSpaceCount);
    }
```



PROGRAM:2

```
class Customer{
   int amount=10000;

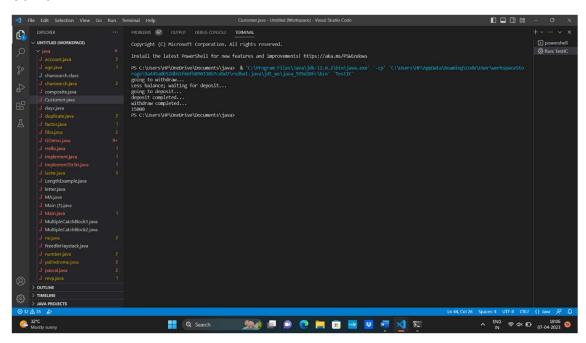
   synchronized void withdraw(int amount)
   {
      System.out.println("going to withdraw...");

      if(this.amount<amount)
      {
            System.out.println("Less balance; waiting for deposit...");
            try
            {
                  wait();
            }
            catch(Exception e)
            {}
            this.amount-=amount;
            System.out.println("withdraw completed...");
            System.out.println(amount);
      }

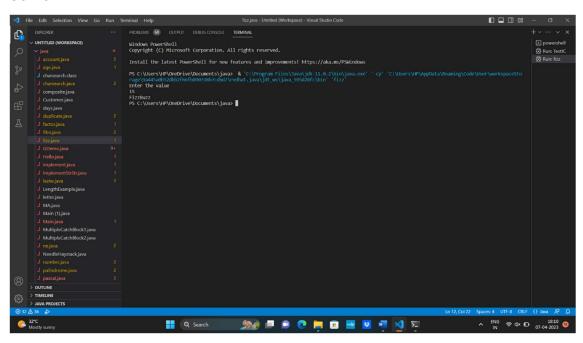
      synchronized void deposit(int amount)
      {
            System.out.println("going to deposit...");
      }
}</pre>
```

```
this.amount+=amount;
    System.out.println("deposit completed... ");
    notify();
}
}

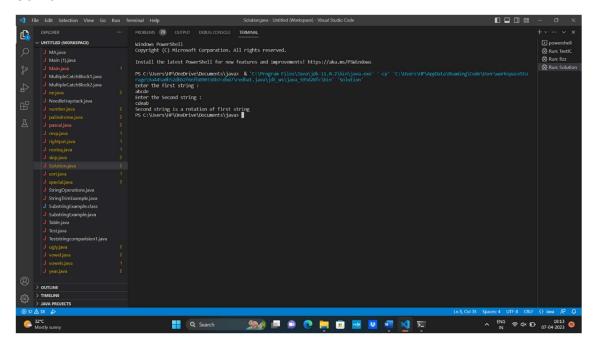
class TestIC{
    public static void main(String args[]){
        final Customer c=new Customer();
        new Thread()
        {
            public void run()
            {
                 c.withdraw(15000);
            }
        }.start();
        new Thread()
        {
                public void run()
            {
                     c.deposit(10000);
            }
        }.start();
        }
}.start();
```



```
import java.util.*;
class fizz
public static void main(String[] args)
 try
 Scanner sc=new Scanner(System.in);
System.out.println("Enter the value");
n=sc.nextInt();
if (n\%5==0 \&\& n\%3==0)
System.out.println("FizzBuzz");
else if (n%5==0)
System.out.println("Buzz");
else if (n%3==0)
System.out.println("Fizz");
else
 System.out.println("Enter a number divisible by 3 or 5");
 catch(Exception e)
 System.out.println("Due to character exception");
```



```
import java.io.*;
import java.util.*;
public class Solution
    public static void main(String[] args) {
        String str1, str2;
        Scanner sc =new Scanner(System.in);
        System.out.println("Enter the first string : ");
        str1=sc.nextLine();
        System.out.println("Enter the Second string : ");
        str2=sc.nextLine();
        if(str1.length() != str2.length()){
            System.out.println("Second string is not a rotation of first
string");
        else {
            str1 = str1.concat(str1);
                          if(str1.indexOf(str2) != -1)
                System.out.println("Second string is a rotation of first
string");
            else
                System.out.println("Second string is not a rotation of first
string");
```



```
class PrimeExample implements Runnable
//extends Thread
  public void run()
   int i,m=20,flag=1;
   for(i=1;i<=m;i++)</pre>
      if(i<=3){
         System.out.println(i + " is prime number");
     continue;
      else if(i>3)
        for(int j=2;j<i;j++)</pre>
        if(i%j==0)
                flag=0;
            break;
    if (flag!= 1)
        System.out.println(i + " is not prime number");
        flag=1;
        System.out.println(i + " is prime number");
class prime
 public static void main(String args[]){
    try
        PrimeExample p1 = new PrimeExample();
        Thread t1= new Thread(p1);
        t1.start();
    catch(Exception e)
```

```
{
    System.out.println(e.getMessage());
}
```

