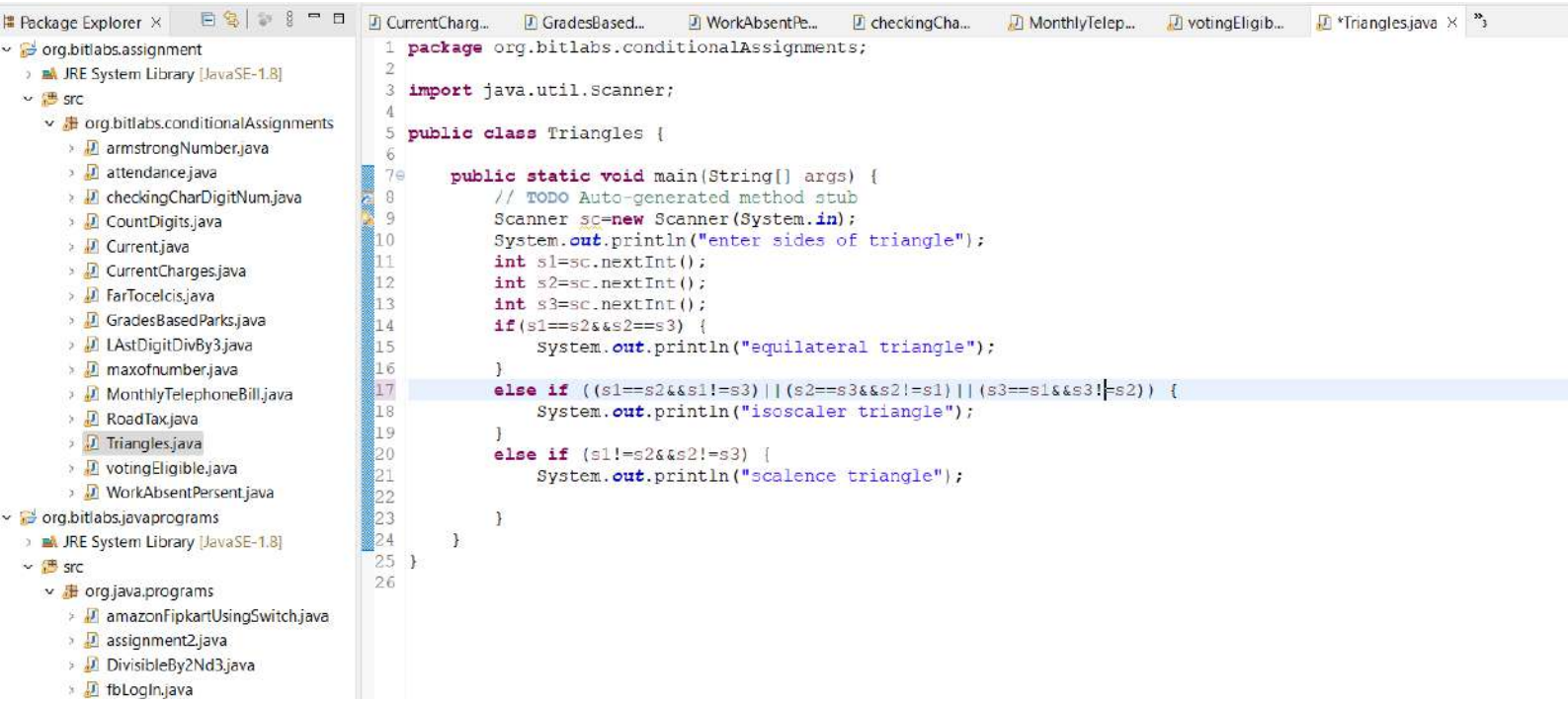
Package Explorer
org.bitlabs.assignment
JRE System Library [JavaSE-1.8]
src
org.bitlabs.conditionalAssignments
armstrongNumber.java
attendance.java
checkingCharDigitNum.java
CountDigits.java
Current.java
CurrentCharges.java
FarTocelcis.java
GradesBasedParks.java
LAstDigitDivBy3.java
maxofnumber.java
MonthlyTelephoneBill.java
RoadTax.java
Triangles.java
votingEligible.java
WorkAbsentPersent.java
org.bitlabs.javaprograms
JRE System Library [JavaSE-1.8]
src
org.java.programs
amazonFipkartUsingSwitch.java
assignment2.java
DivisibleBy2Nd3.java
fbLogIn.java
CurrentCharg...
GradesBased...
WorkAbsentPe...
checkingCha...
MonthlyTelep...
votingEligib...
*Triangles.java
1 package org.bitlabs.conditionalAssignments;
2
3 import java.util.Scanner;
4
5 public class Triangles {
6
7 public static void main(String[] args) {
8 // TODO Auto-generated method stub
9 Scanner sc=new Scanner(System.in);
10 System.out.println("enter sides of triangle");
11 int s1=sc.nextInt();
12 int s2=sc.nextInt();
13 int s3=sc.nextInt();
14 if(s1==s2&&s2==s3) {
15 System.out.println("equilateral triangle");
16 }
17 else if ((s1==s2&&s1!=s3)||(s2==s3&&s2!=s1)||(s3==s1&&s3!=s2)) {
18 System.out.println("isoscaler triangle");
19 }
20 else if (s1!=s2&&s2!=s3) {
21 System.out.println("scalence triangle");
22
23 }
24 }
25 }
26

```java
package org.bitlabs.conditionalAssignments;

import java.util.Scanner;

public class RoadTax {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter cost of vechile");
        double cost=sc.nextInt();
        double roadtax=0;
        if(cost>100000) {
            System.out.println("interst persentage is 15%");
            roadtax=cost*0.15;
            System.out.println("total road tax is "+roadtax);
        }
        else if (cost>50000&&cost<=100000) {
            roadtax=cost*0.10;
            System.out.println("total road tax is "+roadtax);
        }
        else if (cost<=50000) {
            roadtax=cost*0.5;
            System.out.println("total road tax is "+roadtax);

        }
    }

}
```

Problems Javadoc Declaration Console

```java
import java.util.Locale;

public class maxofnumber {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter 3 numbers");
        int a=sc.nextInt();
        int b=sc.nextInt();
        int c=sc.nextInt();
        int largest=Math.max(a, Math.max(c, b));
        System.out.println("largest is "+largest);
        int small=Math.min(a, Math.min(c, b));
        System.out.println("smallest is "+small);
        String s1=sc.nextLine();
        if (s1.toLowerCase()=="nai") {
            System.out.println("jaipur");

        }
    }

}
```

```java
package org.bitlabs.conditionalAssignments;

import java.util.Scanner;

public class LAstDigitDivBy3 {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a number");
        int num=sc.nextInt();
        int rem=0;
        if (num!=0)
        {
            rem=num%10;
        }
        System.out.println("last digit of given number is "+num);
        if (num%3==0) {
            System.out.println("the given number "+num+"is divisible by 3");

        }
    }
}

```

```java
package org.bitlabs.conditionalAssignments;
import java.util.Scanner;
public class GradesBasedParks {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        System.out.println("enter marks");
        int marks=sc.nextInt();
        if (marks<25) {
            System.out.println("grade is D");
        }
        else if (marks>=25&&marks<=45) {
            System.out.println("grade C");

        }
        else if (marks>45&&marks<=50) {
            System.out.println("grade B");

        }
        else if (marks>50&&marks<=60) {
            System.out.println("grade B+");

        }
        else if (marks>60&&marks<=80) {
            System.out.println("Grade A");

        }
        else if (marks>80) {
            System.out.println("grade A+");

        }
```

```java
package org.bitlabs.conditionalAssignments;

import java.util.Scanner;

public class CurrentCharges {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println(" enter units");
        int units=sc.nextInt();
        if (units<=100) {
            System.out.println(" no bill to pay");

        }
        else if (units>100&&units<=200) {
            System.out.println("bill charges to bee pay");
            int bill=units*5;
            System.out.println(" total bill charge "+bill);

        }
        else if (units>200) {
            int bill=units*10;
            System.out.println(" total bill charge "+bill);

        }
    }

}
```

```java
package org.bitlabs.conditionalAssignments;

import java.util.Scanner;

public class attendance {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        System.out.println("enter total working days");
        int workdays=sc.nextInt();
        System.out.println("enter absents");
        int absents=sc.nextInt();
        double res=((workdays-absents)*100)/workdays;
        if (res>75) {
            System.out.println("your eligible for exam");

        }
        else
        {
            System.err.println("your not eligible for exam");
        }
    }

}
```

```
//accept tany city from the user and display monument of the city//
import java.util.Scanner;
public class CityMonumentProgram {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
System.out.print("Enter a city name: ");
        String city = scanner.nextLine();
        String monument;
        switch (city.toLowerCase()) {
            case "delhi":monument = "red fort";
                break;
            case "agra": monument = "taj mahal";
                break;
            case "jaiput": monument = "jal mahal";
                break;
            default:monument = "Monument not found";
                break;  }
 System.out.println("The monument of " + city + " is: " + monument
    );
```

```java
//divisible by 2 and 3 both//
import java.util.Scanner;
public class DivisibleBy2And3 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
System.out.print("Enter a number: ");
        int r = scanner.nextInt();

        if (r % 2 == 0 && r % 3 == 0) {
            System.out.println(r + " is divisible by both 2 and
                3.");
        } else {
            System.out.println(r + " is not divisible by both 2
                and 3.");
        }
    }
}
```

```
import java.util.Scanner;
public class BonusCalculator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
 System.out.print("Enter the employee's years of service: ");
        int yearsOfService = scanner.nextInt();
double bonusPercentage = 0.0;
if (yearsOfService > 10) {
    bonusPercentage = 10.0;
        } else if (yearsOfService >= 6 && yearsOfService <= 10)
            {
            bonusPercentage = 8.0;
        } else if (yearsOfService < 6) {
            bonusPercentage = 5.0;}
double bonusAmount = bonusPercentage * 1000;
System.out.println("The bonus percentage is: " +
    bonusPercentage + "%");
        System.out.println("The bonus amount is: $" +
            bonusAmount);
```

```java
import java.util.Scanner;
public class NetAmountCalculator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter marked price: ");
        double markedPrice = scanner.nextDouble();
        double discount = 0.0;
        if (markedPrice > 10000) {
            discount = 0.2;
        } else if (markedPrice > 7000) {
            discount = 0.15;
        } else {
            discount = 0.1;
        }
    double netAmount = markedPrice - (markedPrice * discount);
        System.out.println("Net amount to pay: " + netAmount);
    }
```

```java
import java.util.Scanner;
public class GradeCategory {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
System.out.print("Enter the percentage: ");
        double percentage = scanner.nextDouble();
        String category;
        if (percentage < 40) {
            category = "Failed";
        } else if (percentage < 55) {
            category = "Fair";
        } else if (percentage < 65) {
            category = "Good";
        } else {
            category = "Excellent";
        }
        System.out.println("Category: " + category);
```

```
public class Calculator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
Scanner sc=new Scanner(System.in);
        System.out.println("enter a marks");
        int marks=sc.nextInt();
         if (marks<25)
         {System.out.println("grade D");
          }
         else if(marks>=25&&marks<=45)
         {System.out.println("grade C");}
else if(marks>45&&marks<=50){
          System.out.println("grade B");}
          else if(marks>50&&marks<=60){
              System.out.println("grade B+");}
              else if(marks>60&&marks<=80){
                  System.out.println("grade A");}
                  else if(marks>=80){
                      System.out.println("grade A+");}}}
```

```java
public static void main(String[] args) {
     float a, b, res;
      int choice;
      Scanner scan = new Scanner(System.in);
      System.out.println("1. Addition");
      System.out.println("2. Subtraction");
      System.out.println("3. Multiplication");
      System.out.println("4. Division");
      System.out.print("Enter Your Choice (1-4): ");
      choice = scan.nextInt();

      if(choice>=1 && choice<=4)
      {
         System.out.print("\nEnter any Two Number: ");
         a = scan.nextFloat();
         b = scan.nextFloat();

         if(choice==1)
            res = a+b;
         else if(choice==2)
            res = a-b;
         else if(choice==3)
            res = a*b;
         else
            res = a/b;

         System.out.println("\nResult = " +res);
      }
      else
      {
         System.out.println("\nInvalid Choice!");
   }
```

```
public class VotingEligibilityChecker {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter your age: ");
        int age = scanner.nextInt();
        if (age >= 18) {
            System.out.println("You are eligible to vote!");
        } else {
            System.out.println("You are not eligible to vote yet
                .");
        }}}
```

```java
import java.util.Scanner;
public class EvenOddChecker {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int num = scanner.nextInt();
        if (num % 2 == 0) {
            System.out.println(num + " is an even number.");
        } else {
            System.out.println(num + " is an odd number.");
        }
    }
```

```java
public class DivisibleBySeven {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = scanner.nextInt()
        if (number % 7 == 0) {
            System.out.println(number + " is divisible by 7.");
        } else {
            System.out.println(number + " is not divisible by 7.");
        }
```