1.implict and explicit type casting:

```
package javaprograms;
public class Implicttypecasting {
                        public static void main(String[] args) {
                                                                          // Type casting : convert data type of 1 variable to another datatype
                                                                          int a = 100;
                                                                          // using implicit type casting method in java
                                                   //we can store smaller byte data type into a bigger data type
                                                                          double d1 = a; // value of d1 will be a decimal value
                                                                          System.out.println("the value is " + d1);
                                                                          }
eclipse_workspace - Phase1-javaprograms/src/javaprograms/Implicttypecasting.java - Eclipse IDE
 Q 😭 😢 🐉
                                                                       □ □ J stringexce... ] personmain.java ] personaddre... ] person.java ] Implicttypec... ⊠ "33 □ package javaprograms;
□ package javaprograms;
□ public class Implicttypecasting {
 🖁 Package Explorer 🛭 Ju JUnit
                                                                                                                                                                                                                                                                       □ ■ Task List 🛭
                                                                                                                                                                                                                                                                                    E 🕏 🔓 🖇
   ▶ All ▶ Activate... ②
                                                                                         // Type casting : convert data type of 1 variable to another datatype
   | Sir > Javademomaven (myprojects master) |
| Sir > JDBC (-bemo [myprojects master] |
| Sir > Phase [myprojects master] |
| Sir > Phase [myprojects master] |
| Sir > Phase [-javaprograms [myprojects master] |
| Sir > Phase [-javaprograms [myprojects master] |
| Sir > Sir |
| Sir > Sir |
| Sir | Sir | Sir | | | |
| Sir | Sir | Sir | Sir |
| Sir | Sir | Sir | Sir | Sir |
| Sir | Sir | Sir | Sir | Sir | Sir |
| Sir |
| Sir |
                                                                                        10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
                                                                                                       // using implicit type casting method in java
//we can store smaller byte data type into a bigger data type
                                                                                                                double d1 = a; // value of d1 will be a decimal value
                                                                                                                                                                                                                                                                                   Be Outline ⊠
                                                                                                                 System.out.println("the value is " + d1);
                                                                                                                                                                                                                                                                                                   $ □ 1ª × × 0 × 1 8

→ 

→ javaprograms

→ 

↓ Implicttypecasting.java
                                                                                                                                                                                                                                                              Problems @ Javadoc Declaration - Console X
                                                                                     terminated: Implicttypecasting [Java Application] C\Program Files\Java\jdk-16.0.1\bin\javaw.exe (28-Dec-2023, 3:04:50 pm – 3:04:51 pm) the value is 100.0
   Type here to search
                                                                                         b.package javaprograms;
  public class Explicittypecasting {
                        public static void main(String[] args) {
                        double d1 = 23.756;
                                                 int a = (int)d1;
```

```
System.out.println("the value of d1 is not converted to integer " + a);
                                 // Convert an Integer to a String
                                 int phone = 987869807;
                                 String phonenumber = Integer.toString(phone);
                                  System.out.println(phonenumber);
                                 // Convert an Integer to a String
                                 String s2 = String.valueOf(phone);
                                 System.out.println(s2);
                                 // Convert String to an Integer
                                 String age = "89";
                                 int i = Integer.parseInt(age);
                                 System.out.println(i);
                }
}
eclipse_workspace - Phase1-javaprograms/src/javaprograms/Explicittypecasting.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Q 🔡 🕸 🐉
                                               □ 🛭 🖟 stringexcep...
 ₽ Package Explorer ⊠ Ju JUnit

☑ personaddre... ☑ person.java ☑ Implicttypec... ☑ Explicittyp... ⋈ ³³₃4

                                                                                                                                                                                      □ ■ Task List ⊠
                                                                                                                                                                                            > in hellojunit [myprojects master]
> in hellojunit [myprojects master]
> in hellojunit [myprojects master]
> in hibernate [myprojects master]
> in hypernet [myprojects master]
> in hellograms [myprojects master]
                                                            3 public class Explicittypecasting {
                                                              public static void main(String[] args) {
                                                                      int a = (int)d1;
                                                                       System.out.println("the value of d1 is not converted to integer " + a);
                                                                        // Convert an Integer to a String
                                                                                                                                                                                           Be Outline ⊠
                                                                        int phone = 987869807;
                                                                                                                                                                                                   $ □ 1ª 1⁄8 1⁄8 0/8 0 1/8
                                                                        String phonenumber = Integer.toString(phone);
                                                                                                                                                                                            javaprograms

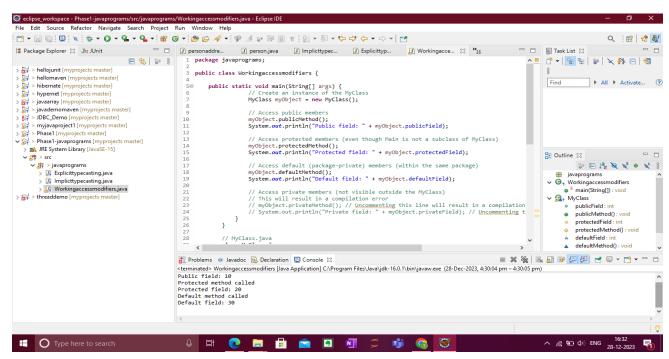
• • • Explicittypecasting
• • • main(String[]): void
                                                                        System.out.println(phonenumber);
                                                                         String s2 = String.valueOf(phone);
                                                                          System.out.println(s2);
                                                                                                                                                                              | X 🗽 | 🗟 🚮 🔡 🗐 💆 | 💣 🖫 + 😁 + 🗆 🗆
                                                           🔐 Problems @ Javadoc 😥 Declaration 🚍 Console 🛭
                                                           cterminated: Explicit/pecasting [Java Application] Cx\Program Files\Uava\jdk-16.0.1\bin\javaw.exe (28-Dec-2023, 3:38:05 pm - 3:38:05 pm) the value of d1 is not converted to integer 23
987869897
                                                           987869807
                                                                                                                                      Smart Insert
                                                                                                                                                           7:9:146
```

^ (f. □ Φ) ENG 28-12-202

2.working of access modifiers:

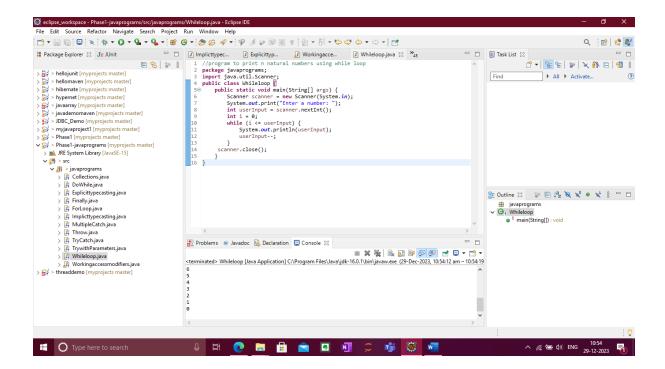
Type here to search

```
package javaprograms;
public class Workingaccessmodifiers {
        public static void main(String[] args) {
                    MyClass myObject = new MyClass();
                    myObject.publicMethod();
                    System.out.println("Public field: " + myObject.publicField);
                    myObject.protectedMethod();
                    System.out.println("Protected field: " + myObject.protectedField);
                    myObject.defaultMethod();
                    System.out.println("Default field: " + myObject.defaultField);
                  }
                }
                class MyClass {
                  public int publicField = 10;
                  public void publicMethod() {
                    System.out.println("Public method called");
                  protected int protectedField = 20;
                  protected void protectedMethod() {
                    System.out.println("Protected method called");
                  int defaultField = 30;
                  void defaultMethod() {
                    System.out.println("Default method called");
                  private int privateField = 40;
                  private void privateMethod() {
                    System.out.println("Private method called");
        }
}
```



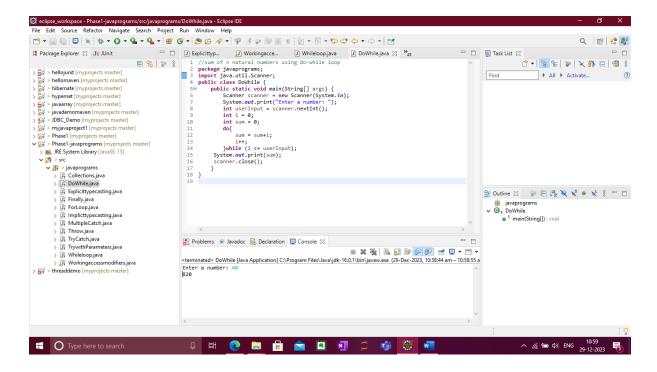
3.while loop:

```
//program to print n natural numbers using while loop
package javaprograms;
import java.util.Scanner;
public class Whileloop {
  public static void main(String[] args) {
   Scanner scanner = new Scanner(System.in);
   System.out.print("Enter a number: ");
   int userInput = scanner.nextInt();
   int i = 0;
   while (i <= userInput) {
     System.out.println(userInput);
      userInput--;
   }
  scanner.close();
 }
}
```



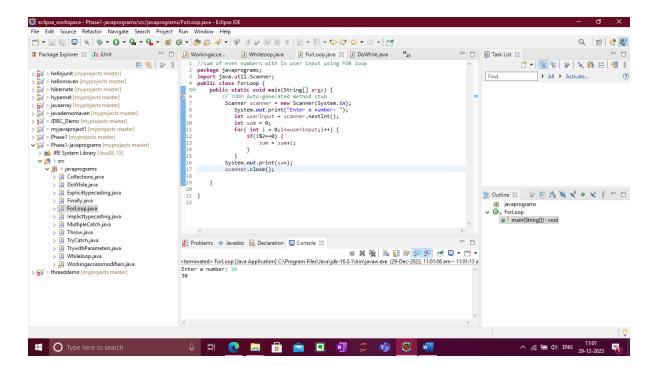
4.Do while loop:

```
do{
    sum = sum+i;
    i++;
}while (i <= userInput);
System.out.print(sum);
scanner.close();
    }
}</pre>
```



5. For loop:

```
package javaprograms;
import java.util.Scanner;
public class ForLoop {
        public static void main(String[] args) {
                // TODO Auto-generated method stub
                 Scanner scanner = new Scanner(System.in);
            System.out.print("Enter a number: ");
            int userInput = scanner.nextInt();
            int sum = 0;
            for( int i = 0;i<=userInput;i++) {</pre>
                if(i%2==0) {
                         sum = sum+i;
            }
          System.out.print(sum);
           scanner.close();
        }
}
```



6. Classes, Objects, Constructors:

- > creates an instance of a class
- > similar to a java method, except :
 - > name is same as the class name
 - > it will not have a return type
- > Whenever we write the keyword new, to create an instance of a class. A default constructor will be invoked and an object of the class is returned.

Types of constructors:

- > default constructor
 - > the role of default <u>contructor</u> is to initialize the object and return it to the calling code
- > default constructor is always without an argument
- > No argument constructor
- > parameterized constructor

```
System.out.println(" this is multiple argument constructor");
                System.out.println("this value of argument a: " + a);
                System.out.println("this value of argument b: " + b);
        public static void main(String[] args) {
                // to execute a constructor just create an object
                ConstructorDemo obj = new ConstructorDemo();
                ConstructorDemo obj2 = new ConstructorDemo(23); // value of a is 23
                ConstructorDemo obj3 = new ConstructorDemo(68,34);
7.Inheritence:
> define variables at class level -> Global variables
> these variable can be used in any method of the class
> A base Class in selenium will be useful to create
         > methods/variables that are used by other classes
> A child class can inherit properties of a single parent class only.
> multiple inheritance not allowed, multiple extends keyword not allowed
> Multi level inheritance is allowed
> Calling static methods:
 > call just with methodname ⇒
                Example: methodname();
OR
 > call with classname.methodname()
                Example: BaseClass.login()
   First create a package
 > create a Base class→ this will super parent class.
 > Create some base methods in it
package inheritenceDemo;
public class BaseClass {
public static void openbrowser(String browserName, String appURL)
                System.out.println("Code to open the browser for testing in: " + browserName);
                System.out.println("Code to open the app on the browser for testing in: " + appURL);
        public static void login(String userName, String password)
                System.out.println("Code for username "+ userName);
                System.out.println("code for password" + password);
                System.out.println("User logged successfully");
        }
                 }
Create Class 2: inheriting Base class
package inheritenceDemo;
// we will make this class as a child to parent class -> BaseClass.java
// use the extends keyword
public class HomePageTest extends BaseClass {
        public static void testHomePage()
        {
                System.out.println("test code for search box");
```

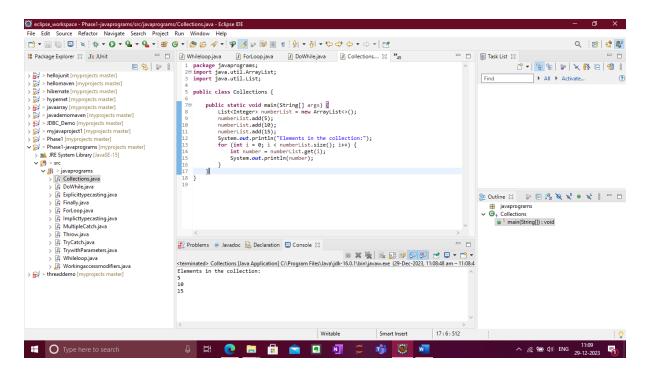
```
System.out.println("test code for todays delas link");
        }
        public static void main(String[] args) {
                // TODO Auto-generated method stub
                HomePageTest obj = new HomePageTest();
                BaseClass.openbrowser("Chrome", "amazon.com");
                BaseClass.login("admin", "password");
                obj.testHomePage();
}
Create Class3: inheriting class2 which inturn inherits the base class methods [multi-level inheritance]
package inheritenceDemo;
public class ProductPage extends HomePageTest{
public static void addProduct()
        {
                System.out.println("test code for add mobilephone");
                System.out.println("test code for add product to cart");
                System.out.println("test code for click on order button");
        }
        public static void main(String[] args) {
                // TODO Auto-generated method stub
                ProductPage obj = new ProductPage();
                BaseClass.openbrowser("FireFox", "amazon.com");
                BaseClass.login("admin", "135");
              HomePageTest.testHomePage();
                obj.addProduct();
        }
}
Create class 4: this inherited class 3⇒ which inherited class 2⇒ class 2 inherited Base class
⇒ [multi level inheritance]
In this example class 4 can call methods of base class, class 2, class 3
package inheritenceDemo;
public class PaymentPageTest extends ProductPage {
        public void makePayment()
        {
                System.out.println("test code for makepayment");
        }
        public static void main(String[] args) {
                // TODO Auto-generated method stub
                PaymentPageTest obj = new PaymentPageTest();
           BaseClass.openbrowser("FireFox", "amazon.com");
                BaseClass.login("admin", "135");
                HomePageTest.testHomePage(); // classname.methodname() ==>static method
                addProduct(); // OR static method ==> just methodname
```

System.out.println("test code for addtoCart button");

```
obj.makePayment();
}
```

8. Collections:

```
package javaprograms;
import java.util.ArrayList;
import java.util.List;
public class Collections {
  public static void main(String[] args) {
   List<Integer> numberList = new ArrayList<>();
   numberList.add(5);
   numberList.add(10);
   numberList.add(15);
   System.out.println("Elements in the collection:");
   for (int i = 0; i < numberList.size(); i++) {
     int number = numberList.get(i);
     System.out.println(number);
   }
 }
}
```



9.Try catch block:

package javaprograms;

```
import java.util.Scanner;
 public class TryCatch {
             public static void main(String[] args) {
                        Scanner scanner = new Scanner(System.in);
                        try {
                                     System.out.print("Enter an integer: ");
                                    int number = scanner.nextInt();
                                    // Attempting to divide 10 by the entered number
                                    int result = 10 / number;
                                     System.out.println("Result of 10 divided by " + number + ": " + result);
                        } catch (ArithmeticException e) {
                                     System.out.println("Error: Division by zero or invalid input.");
                        } catch (java.util.InputMismatchException e) {
                                     System.out.println("Error: Invalid input. Please enter an integer.");
                        } finally {
                                     scanner.close();
                        }
            }
}
    File Edit Source Refactor Navigate Search Project Run Window Help
  ‡ Package Explorer ⋈ Jʊ JUnit
                                                                                                           □ ■ Task List 🛭
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mu > hellojunit [myprojects master]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ► All ► Activate... ②
        > hellomaven [myprojects master]
       | Section | Sect
                                                                                                                                                                          try {
   System.out.print("Enter an integer: ");
   int number = scanner.nextInt();
                                                                                                                                                                    int number = scanner.nextint();

// Attempting to divide 10 by the entered number int result = 10 / number;

// System.out.println("Result of 10 divided by " + n catch (ArithmeticException e) {

// System.out.println("Error: Division by zero or in catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatchException e) {

// System.out.println("Error: Invalid input. Please of the catch (yaw.utl.lnput/smatch (y
       > Phase1-javaprograms [myprojects master]
> March JRE System Library [JavaSE-15]
            > M JRE System Library [JavaSE-15]

> # > src

| A | Down | Java 
                                                                                                                                                                                                        System.out.println("Result of 10 divided by " + number + ": " + result);
} catch (ArithmeticException e) {
System.out.println("Error: Division by zero or invalid input.");
} catch (Java.utl.InputHismatchException e) {
System.out.println("Error: Invalid input. Please enter an integer.");
} finally {
scanner.close();
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BE Outline ⋈ 💝 🕒 IªZ 💘 🕦 🗢 🕦 🖁 🗀 🗆
                                   Finally.java

☐ ForLoop.java

                            > [2] ForLoop, Java
> [2] Implictty pecasting java
> [3] Multiple Catch java
> [4] Throw, java
> [5] TryCatch java
> [6] Trywith Parameters, java
> [7] Whiteloop, java

S main(String[]): void

                                                                                                                                                                           Problems @ Javadoc Q Declaration ☐ Console ⊠
                                                                                                                                                                                                                                                                                                                                                                      Workingaccessmodifiers.java
                                                                                                                                                                            <terminated> TryCatch [Java Application] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe (29-Dec-2023, 11:10:40 am – 11:10:51 a
                                                                                                                                                                           Enter an integer: 10
Result of 10 divided by 10: 1
      > # > threaddemo [myprojects master]
```

へ 偏 恒 切》ENG 11:11 29-12-2023

10. Throwns and throw keyword:

```
package javaprograms;
import java.util.Scanner;
public class Throw {
   public static void main(String[] args) {
```

Type here to search

```
Scanner scanner = new Scanner(System.in);
                  try {
                            System.out.print("Enter a number: ");
                           int number = scanner.nextInt();
                           validateNumber(number);
                            System.out.println("Entered number: " + number);
                  } catch (RuntimeException e) {
                           System.out.println("Error: " + e.getMessage());
                  } finally {
                           // Close the scanner in the finally block to ensure it always gets closed
                            scanner.close();
                  }
         }
         // Method using "throw" to throw a RuntimeException based on runtime input
         private static void validateNumber(int number) {
                  if (number < 0) {
                            throw new RuntimeException("Negative numbers are not allowed");
                  }
         }
}
   File Edit Source Refactor Navigate Search Project Run Window Help
 ‡ Package Explorer ⋈ Jʊ JUnit
                                                                                <u>↑</u> • | 🖫 % | » | × 👫 🗇 | 🔞 🖁
      mu > hellojunit [myprojects master]
                                                                                                                                                                                                                                                                                                                                                                                                                                   ► All ► Activate... ②
     | Section | Sect
                                                                                                                              try {
    System.out.print("Enter a number
    int number = scanner.nextInt();
     > Phase1-javaprograms [myprojects master]
> March JRE System Library [JavaSE-15]
                                                                                                                                           System.out.println("Entered number: " + number);
} catch (RuntimeException e) {
System.out.println("Error: " + e.getMessage());
} finally {
// Close the scanner in the finally block to ensure it always gets closed
         > M JRE System Library [JavaSE-15]

> # > src

| A | Downless | Do
                                                                                                                                                            // Close the scar
scanner.close();
                                                                                                                                                                                                                                                                                                                                                                                        BE Outline ⋈ 💝 🕒 IªZ 💘 🕦 🗢 🕦 🖁 🗀 🗆
                          Finally.java

☐ ForLoop.java

                     > [2], ForLoop, Java
> [2], Implictty pecasting java
> [3], Multiple Catch, java
> [4], Throw, java
> [5], TryCatch, java
> [6], TryWith Parameters, java
> [6], Whiteloop, java
                                                                                                                                                     // Method using "throw" to throw a RuntimeException based on runtime input
private static void validateNumber(int number) {

    S main(String[]): void
    S validateNumber(int)

                                                                                                                               Problems @ Javadoc Q Declaration ☐ Console ⊠
                                                                                                                                                                                                                                                                           Workingaccessmodifiers.java
                                                                                                                               <terminated> Throw [Java Application] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe (29-Dec-2023, 11:13:17 am – 11:13:23 am
                                                                                                                               Enter a number: 20
Entered number: 20
    > # > threaddemo [myprojects master]
```

11. Try block with prameters:

Type here to search

```
package javaprograms;
import java.util.Scanner;
public class TrywithParameters {
   public static void main(String[] args) {
```

```
Scanner scanner = new Scanner(System.in);
      try {
          // Get two numbers from the user
         System.out.print("Enter the first number: ");
         int num1 = scanner.nextInt();
         System.out.print("Enter the second number: ");
         int num2 = scanner.nextInt();
         // Perform division and display the result
         int result = divideNumbers(num1, num2);
         System.out.println("Result of division: " + result);
      } catch (ArithmeticException e) {
          System.out.println("Error: " + e.getMessage());
      } catch (java.util.InputMismatchException e) {
          System.out.println("Error: Invalid input. Please enter valid integers.");
         // Close the scanner in the finally block to ensure it always gets closed
          scanner.close();
      }
   }
   // Method that divides two numbers and throws an Arithmetic Exception if the second number is zero
   private static int divideNumbers(int numerator, int denominator) {
      if (denominator == 0) {
          throw new ArithmeticException("Cannot divide by zero");
      }
      return numerator / denominator;
   }
}
eclipse_workspace - Phase1-javaprograms/src/javaprograms/TrywithParameters.java - Eclipse IDE
Q : 😭 💀 🐉
                                      □ D.Collections... D.TryCatchjave D.Throw.java D.TrywithParam... S N<sub>as</sub>

1 package javaprograms;
1 package javaprograms;
2 import java...util.Scanner;
 Package Explorer ⋈ Ju JUnit
                                                                                                                                  □ ■ Task List 🛭
                                                                                                                                                   E & 8
 > m > hellojunit [myprojects master]
> hellomaven [myprojects master]
> hibernate [myprojects master]
> hypernet [myprojects master]
> hypernet [myprojects master]
> jay > jayaaray [myprojects master]
> jay > jayaaray [myprojects master]
                                                                                                                                               ► All ► Activate...
                                                                                                                                         Find
                                                3
4 public class TrywithParameters {
                                              iavademomayen [myprojects master]
                                                          > JDBC Demo [myprojects master]
  System.out.print("Enter the second number: ");
int num2 = scanner.nextInt();
                                                        Int num2 = scanner.nextnr();

// Perform division and display the result
int result = divideNumbers(num1, num2);
System.out.println("Result of division: " + result);
System.out.println("Error: " + e.getMessage());
System.out.println("Error: " + e.getMessage());
System.out.println("Error: Invalid input. Please enter valid integers.");
Finally (
// Close the scanner in the finally block to ensure it always gets closed
       > DoWhile.java
       > 13 DoWhile.java
> 13 Explicittypecasting.java
> 13 Finally.java
> 13 ForLoop.java
> 14 Implicttypecasting.java
> 15 MultipleCatch.java
                                                                                                                                        B Outline ⊠ 🐷 🕒 Ia 💘 💘 🐧 🗣 🛣 🗎 🗆
                                                                                                                                        ijavaprograms

On TrywithParameters

Simain(String[]): void

SidvideNumbers(int, int): int
         Throw.java
         TryCatch.java
                                              Problems @ Javadoc Q Declaration Console 🛭
       > D: TrywithParameters.java
> D: TrywithParameters.java
> D: Whileloop.java
> D: Workingaccessmodifiers.java
threaddemo [myprojects master]
                                                                                                 - X 🗞 | 🗟 🔐 🔛 🖭 🗃 🕒 🕶 🕆
                                              cterminated> TrywithParameters Jlava Application] C\Program Files\Java\jdk-16.0.1\bin\javaw.exe (29-Dec-2023, 11:16:03 am—Enter the first number: 30 Enter the second number: 20 Result of division: 1
                                               J H 💽 🔚 💼 🝙 🖪 🕅 📁 👣 🐯 📲
 Type here to search
```

12. Catch blocks:

```
package javaprograms;
import java.util.Scanner;
public class MultipleCatch {
  public static void main(String[] args) {
   Scanner scanner = new Scanner(System.in);
     // Get two numbers from the user
     System.out.print("Enter the first number: ");
     int num1 = scanner.nextInt();
     System.out.print("Enter the second number: ");
     int num2 = scanner.nextInt();
     // Perform division and display the result
     int result = divideNumbers(num1, num2);
     System.out.println("Result of division: " + result);
   } catch (ArithmeticException e) {
     System.out.println("Error: " + e.getMessage());
   } catch (java.util.InputMismatchException e) {
     System.out.println("Error: Invalid input. Please enter valid integers.");
   } finally {
     // Close the scanner in the finally block to ensure it always gets closed
     scanner.close();
   }
 }
  // Method that divides two numbers and throws an Arithmetic Exception if the second number is zero
  private static int divideNumbers(int numerator, int denominator) {
   if (denominator == 0) {
     throw new ArithmeticException("Cannot divide by zero");
   }
   return numerator / denominator;
 }
}
13. Finally block:
package javaprograms;
import java.util.Scanner;
public class Finally{
 public static void main(String[] args) {
         Scanner scanner = new Scanner(System.in);
 try {
        // Get a number from the user
         System.out.print("Enter a number: ");
```

```
int number = scanner.nextInt();
                                   // Display the entered number
                                   System.out.println("Entered number: " + number);
                                   // Simulate some processing
                                   int result = processNumber(number);
                                   System.out.println("Processed result: " + result);
                                   } catch (java.util.InputMismatchException e) {
                                   System.out.println("Error: Invalid input. Please enter a valid integer.");
                                   } finally {
                                   // Always close the scanner in the finally block to ensure it gets closed
System.out.println("Finally block: Closing the scanner.");
                                   scanner.close();
                                   }
   }
     // Method simulating some processing
                                   private static int processNumber(int number) {
                                   // Simulate processing by doubling the number
                                   return number * 2;
                                   }
  File Edit Source Refactor Navigate Search Project Run Window Help
Q 🔡 📽 🐉
  ‡ Package Explorer ⊠ Jπ JUnit
                                                                                          □ 🛘 Throw.java 🗓 TrywithParam... 🗓 MultipleCatc... 🗓 Finally.java 🛭 "<sub>45</sub>
                                                                                                                                                                                                                                                                                                                                 □ ■ Task List 🖂
                                                                                                                                                                                                                                                                                                                                                                                                                                              - -
                                                                       | package javaprograms;
| pack
                                                                                                                                                                                                                                                                                                                                                                          | bigs | hellojunit [myprojects master] | bigs | hellomaven [myprojects master] | bigs | hibernate [myprojects master] | bigs | hypernet [myprojects master] | bigs | hypernet [myprojects master] | bigs | hypernet [myprojects master] | bigs | helloging | hell
                                                                                                                                                                                                                                                                                                                                                                                     ► All ► Activate... ②
                                                                                                                    5 public class Finally{
                                                                                                                    70 public static void main(String[] args) {
8     Scanner scanner = new Scanner(System.in);
9     try {
     > javademomaven [myprojects master]
> JDBC_Demo [myprojects master]
               myjavaproject1 [myprojects master]
                                                                                                                                  // Get a number from the user
System.out.print("Enter a number: ");
     // Display the entered number
                                                                                                                                     System.out.println("Entered number: " + number);
                                                                                                                                     // Simulate some processing
                                                                                                                                                                                                                                                                                                                                               B Outline ⊠ 👺 🕒 I a 💘 💘 🐧 ● 🔌 🖇 🗀 🗆
                   > I Finally.iava
                                                                                                                                                                                                                                                                                                                                                javaprograms

• • pinally
• main(String[]): void
• processNumber(int):
                                                                                                                                      int result = processNumber(number);
System.out.println("Processed result: " + result);
                                                                                                                                     } catch (java.util.InputMismatchException e) {
                                                                                                                 Problems @ Javadoc 🚇 Declaration 📮 Console 🛭
                      TrywithParameters.java
                                                                                                                                                                                                                                             Mhileloop.java
                                                                                                                 <terminated> Finally [Java Application] C\Program Files\Java\jdk-16.0.1\bin\javaw.exe (29-Dec-2023, 11:20:52 am - 11:20:57 am Enter a number: 30 Processed result: 60 Processed result: 60
                      Workingaccessmodifiers.java
                                                                                                                                                                                                                                                                                                                                                                           Type here to search
                                                                                                                      🖟 🛱 💽 🔚 🔒 🙍 🐧 🕅 📁 👣 🐯 💆
```