

java practic

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| evenlength.class | 23-11-2024 09:39 | CLASS File | 1 KB |
| evenlength.java | 23-11-2024 09:37 | JAVA File | 1 KB |
| useradd.class | 22-11-2024 17:42 | CLASS File | 2 KB |
| Test1 | | | |
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| GenericMethodExample.java | 23-12-2024 17:36 | JAVA File | 1 KB |
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| UpperBoundExample.java | 23-12-2024 17:36 | JAVA File | 1 KB |

165 items |

Windows PowerShell
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PS D:\java practic> javac UpperBoundExample.java
PS D:\java practic> java UpperBoundExample
Sum of Integer List: 30.0
Sum of Double List: 31.0
PS D:\java practic>

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File Edit View

```
import java.util.ArrayList;

public class UpperBoundExample {

    public static double sumOfList(ArrayList<? extends Number> list) {
        double sum = 0.0;
        for (Number num : list) {
            sum += num.doubleValue();
        }
        return sum;
    }

    public static void main(String[] args) {
        ArrayList<Integer> intList = new ArrayList<>();
        intList.add(10);
        intList.add(20);

        ArrayList<Double> doubleList = new ArrayList<>();
        doubleList.add(10.5);
        doubleList.add(20.5);

        System.out.println("Sum of Integer List: " + sumOfList(intList));
        System.out.println("Sum of Double List: " +
sumOfList(doubleList));
    }
}
```

Ln 1, Col 1 | 699 characters | 100% | Windows (CRLF) | UTF-8

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| InsertString.class | 23-11-2024 09:50 | CLASS File | 2 KB |
| InsertString.java | 23-11-2024 09:49 | JAVA File | 1 KB |
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| PS D:\java practic> javac WildcardExample.java | | | |
| PS D:\java practic> java WildcardExample | | | |
| Integer List: | | | |
| 10 | | | |
| 20 | | | |
| String List: | | | |
| Java | | | |
| Generics | | | |
| PS D:\java practic> | | | |
| TypeDiamondExample.java | 23-12-2024 17:33 | JAVA File | 1 KB |
| TypeDiamondExample\$Pair.class | 23-12-2024 17:34 | CLASS File | 2 KB |
| TypeDiamondExample.class | 23-12-2024 17:34 | CLASS File | 1 KB |
| GenericMethodExample.java | 23-12-2024 17:36 | JAVA File | 1 KB |
| GenericMethodExample.class | 23-12-2024 17:36 | CLASS File | 1 KB |
| WildcardExample.java | 23-12-2024 17:37 | JAVA File | 1 KB |

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File Edit View

```
import java.util.ArrayList;
import java.util.List;

public class WildcardExample {

    public static void printList(List<> list) {
        for (Object item : list) {
            System.out.println(item);
        }
    }

    public static void main(String[] args) {
        List<Integer> intList = new ArrayList<>();
        intList.add(10);
        intList.add(20);

        List<String> stringList = new ArrayList<>();
        stringList.add("Java");
        stringList.add("Generics");

        System.out.println("Integer List:");
        printList(intList);

        System.out.println("String List:");
        printList(stringList);
    }
}
```

Ln 7, Col 39 650 characters 100% Windows (CRLF) UTF-8

File Explorer window showing the directory structure of the 'java practic' folder. The left sidebar shows the navigation pane with 'java practic' selected. The main pane displays a list of files and folders.

| Name | Date modified | Type | Size |
|------------------------------------|------------------|------------|------|
| EnumExample.java | 23-12-2024 17:31 | JAVA File | 1 KB |
| EnumExample\$AccountType.class | 23-12-2024 17:31 | CLASS File | 2 KB |
| EnumExample\$Account.class | 23-12-2024 17:31 | CLASS File | 2 KB |
| EnumExample.class | 23-12-2024 17:31 | CLASS File | 1 KB |
| GenericExample.java | 23-12-2024 17:32 | JAVA File | 1 KB |
| GenericExample\$GenericClass.class | 23-12-2024 17:32 | CLASS File | 1 KB |
| GenericExample.class | 23-12-2024 17:32 | CLASS File | 2 KB |
| TypeDiamondExample.java | 23-12-2024 17:33 | JAVA File | 1 KB |

Windows PowerShell window showing the execution of Java code:

```
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PS D:\java practic> javac TypeDiamondExample.java
PS D:\java practic> java TypeDiamondExample
First: Age, Second: 30
PS D:\java practic>
```

Code editor window showing the source code for 'TypeDiamondExample.java'.

```
public class TypeDiamondExample {

    public static class Pair<T1, T2> {
        private T1 first;
        private T2 second;

        public Pair(T1 first, T2 second) {
            this.first = first;
            this.second = second;
        }

        @Override
        public String toString() {
            return "First: " + first + ", Second: " + second;
        }
    }

    public static void main(String[] args) {
        Pair<String, Integer> pair = new Pair<>("Age", 30);
        System.out.println(pair);
    }
}
```

Ln 7, Col 17 | 527 characters | 100% | Windows (CRLF) | UTF-8

File Explorer window showing the directory structure of the 'java practic' folder. The left sidebar shows the navigation pane with 'Home', 'Gallery', 'Downloads', 'Documents', 'Pictures', 'Videos', 'Music', 'java practic', 'Java Program', 'packages', and 'Screenshots'. The main pane displays the contents of the 'java practic' folder, including files like 'addition.java', 'breakpoint.java', 'breakpoint.class', 'EnumExample.java', 'EnumExample\$AccountType.class', 'EnumExample\$Account.class', 'EnumExample.class', and 'GenericExample.java'.

Windows PowerShell window showing the execution of Java code:

```
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PS D:\java practic> javac GenericExample.java
PS D:\java practic> java GenericExample
Integer Value: 100
String Value: Generics in Java
PS D:\java practic>
```

```
public class GenericExample {

    public static class GenericClass<T> {
        private T data;

        public void setData(T data) {
            this.data = data;
        }

        public T getData() {
            return data;
        }
    }

    public static void main(String[] args) {
        GenericClass<Integer> integerInstance = new GenericClass<>();
        integerInstance.setData(100);
        System.out.println("Integer Value: " +
            integerInstance.getData());

        GenericClass<String> stringInstance = new GenericClass<>();
        stringInstance.setData("Generics in Java");
        System.out.println("String Value: " + stringInstance.getData());
    }
}
```

Ln 9, Col 1 | 678 characters | 100% | Windows (CRLF) | UTF-8

File Explorer window showing the directory structure of the 'java practic' folder. The left sidebar shows the navigation pane with 'This PC' and 'New Volume (D:)' selected. The main pane displays the contents of the 'java practic' folder, including a list of files and folders.

Windows PowerShell window showing the execution of Java code:

```
PS D:\java practic> javac EnumExample.java
PS D:\java practic> java EnumExample
Account Type: SAVINGS
Name: Alice
Number: 12345
Balance: 1000.0
PS D:\java practic>
```

| File Name | Modified | Type | Size |
|------------------|------------------|-------------|------|
| Student.java | 13-11-2024 09:40 | JAVA File | 1 KB |
| Customer.java | 13-11-2024 09:32 | JAVA File | 1 KB |
| helloworld.java | 12-11-2024 22:52 | JAVA File | 1 KB |
| helloworld.class | 12-11-2024 22:50 | CLASS File | 1 KB |
| addition.class | 12-11-2024 22:39 | CLASS File | 1 KB |
| addition.java | 12-11-2024 22:37 | JAVA File | 1 KB |
| breakpoint.java | 12-11-2024 22:29 | JAVA File | 1 KB |
| breakpoint.class | 12-11-2024 22:27 | CLASS File | 1 KB |
| packages | 22-12-2024 18:15 | File folder | |
| EnumExample.java | 23-12-2024 17:31 | JAVA File | 1 KB |

Code editor window showing the source code of the EnumExample.java file. The code defines an EnumAccountType and a static class Account.

```
public class EnumExample {

    public enum AccountType {
        SAVINGS,
        CREDIT
    }

    public static class Account {
        private String name;
        private int number;
        private double balance;
        private AccountType type;

        public Account(String name, int number, double balance,
            AccountType type) {
            this.name = name;
            this.number = number;
            this.balance = balance;
            this.type = type;
        }

        @Override
        public String toString() {
            return "Account Type: " + type + "\nName: " + name +
                "\nNumber: " + number + "\nBalance: " + balance;
        }

        public static void main(String[] args) {
            Account account = new Account("Alice", 12345, 1000.0,
                AccountType.SAVINGS);
            System.out.println(account);
        }
    }
}
```

Ln 12, Col 32 839 characters 100% Windows (CRLF) UTF-8