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untitledVersion control

EchoCave

Project

untitled C:\Users\DELL\IdeaProjects\untitled

.idea

out

src

armstrong.java

BankAcc

basic

Drumbeats

EchoCave

MultipleCatchExample

PaymentApp

Problem1

simpletri

upcasting.java

Problem1.java

simpletri.java

basic.java

Drumbeats.java

EchoCave.java

```
1 public class EchoCave {
2     public static void printNtoOne(int n) { 2 usages
3         if (n == 0) return; // Base Case
4         System.out.print(n + " "); // Print before recursion
5         printNtoOne(n - 1); // Recursive Step
6     }
7
8     public static void main(String[] args) {
9         int n = 5;
10        printNtoOne(n);
11    }
12 }
13
```

Run EchoCave

"C:\Program Files\Java\jdk-24\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ I

5 4 3 2 1

Process finished with exit code 0

Performance

Show Results

00:00

Process Terminated

untitled > src > EchoCave

13:1 CRLF UTF-8 4 spaces

9+ 29°C Haze

Search

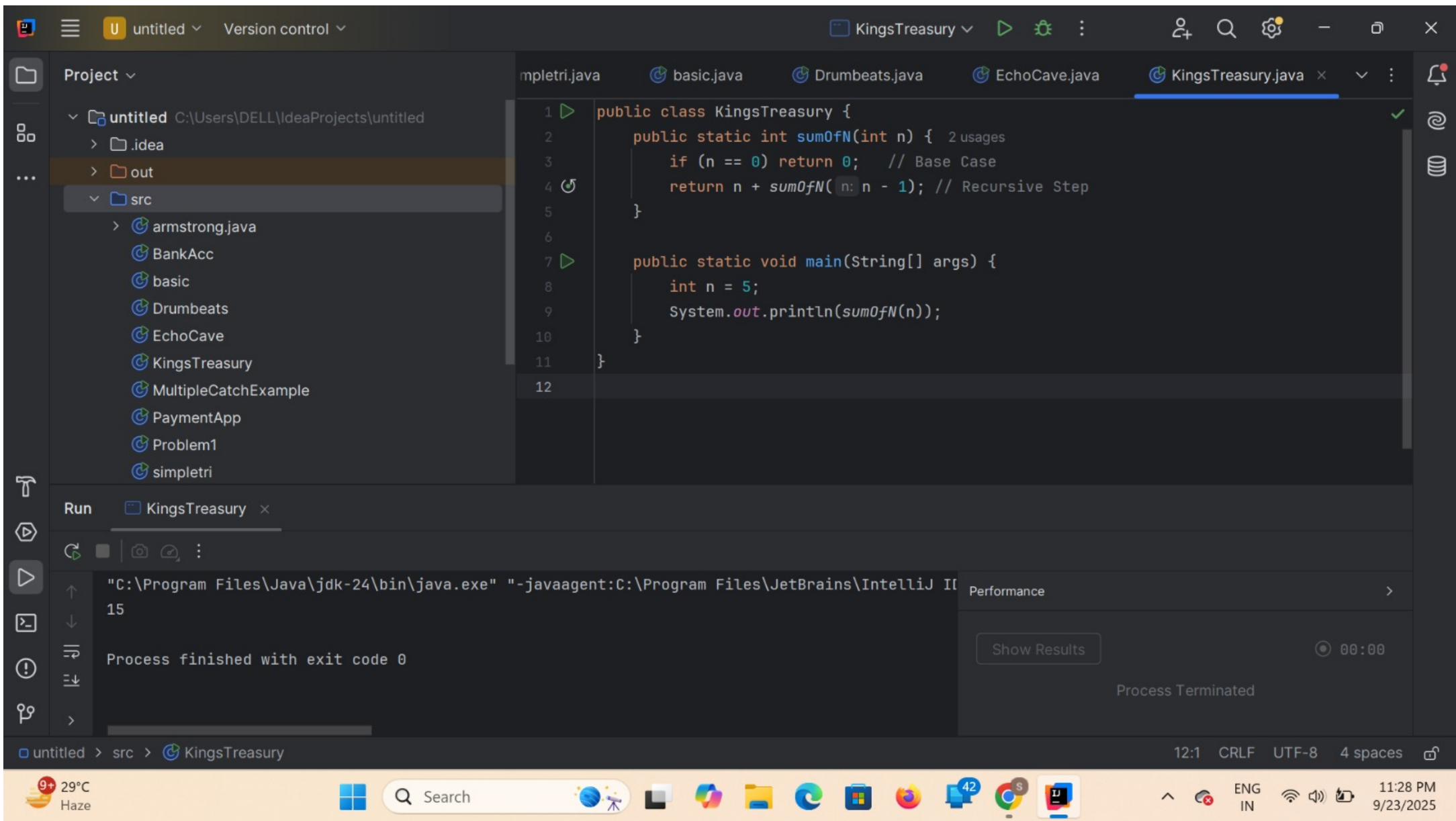
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UuntitledVersion control

ReverseString

ReverseString.java

Project

out

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KingsTreasury

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Problem1

ReverseString

simpletri

upcasting.java

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12

public class ReverseString {

public static String reverse(String s) { 2 usages

if (s.isEmpty()) return ""; // Base Case

return reverse(s.substring(beginIndex: 1)) + s.charAt(0); // Recursion

}

public static void main(String[] args) {

String str = "hello";

System.out.println(reverse(str));

}

Run

ReverseString

"C:\Program Files\Java\jdk-24\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ I

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Process finished with exit code 0

Performance

Show Results

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untitledsrcReverseString

12:1CRLFUTF-84 spaces

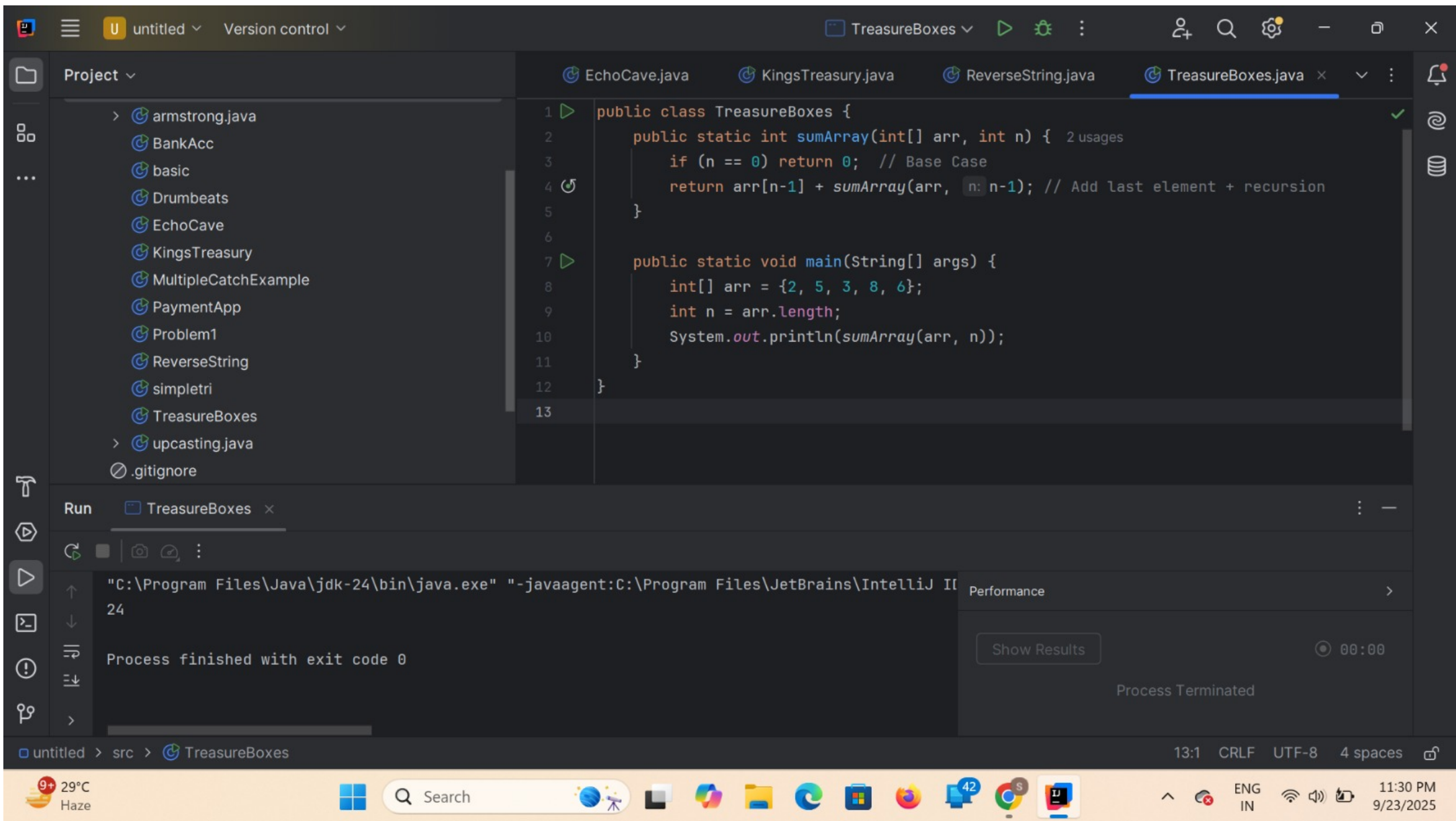
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Version control

ClimbingStairs

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Project

untitled C:\Users\DELL\IdeaProjects\untitled

> .idea

> out

> src

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> BankAcc

> basic

> ClimbingStairs

> Drumbeats

> EchoCave

> KingsTreasury

> MultipleCatchExample

> PaymentApp

> Problem1

KingsTreasury.java

ReverseString.java

TreasureBoxes.java

ClimbingStairs.java

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```
public class ClimbingStairs {  
    public static int climb(int n) { 3 usages  
        if (n == 0 || n == 1) return 1; // Base Cases  
        return climb(n-1) + climb(n-2); // Recursive Step  
    }  
  
    public static void main(String[] args) {  
        int n = 3;  
        System.out.println(climb(n));  
    }  
}
```

Run

ClimbingStairs

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Performance

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Process Terminated

untitled > src > ClimbingStairs

12:1 CRLF UTF-8 4 spaces

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Version control

Factorial

ReverseString.java

TreasureBoxes.java

ClimbingStairs.java

Factorial.java

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Factorial

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```
public class Factorial {  
    public static int fact(int n) { 2 usages  
        if (n == 0 || n == 1) return 1; // Base Case  
        return n * fact(n - 1); // Recursive Step  
    }  
  
    public static void main(String[] args) {  
        int n = 4;  
        System.out.println(fact(n));  
    }  
}
```

Run

Factorial

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24

Process finished with exit code 0

Performance

Show Results

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Process Terminated

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src

Factorial

9+ 29°C Haze

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