



Java

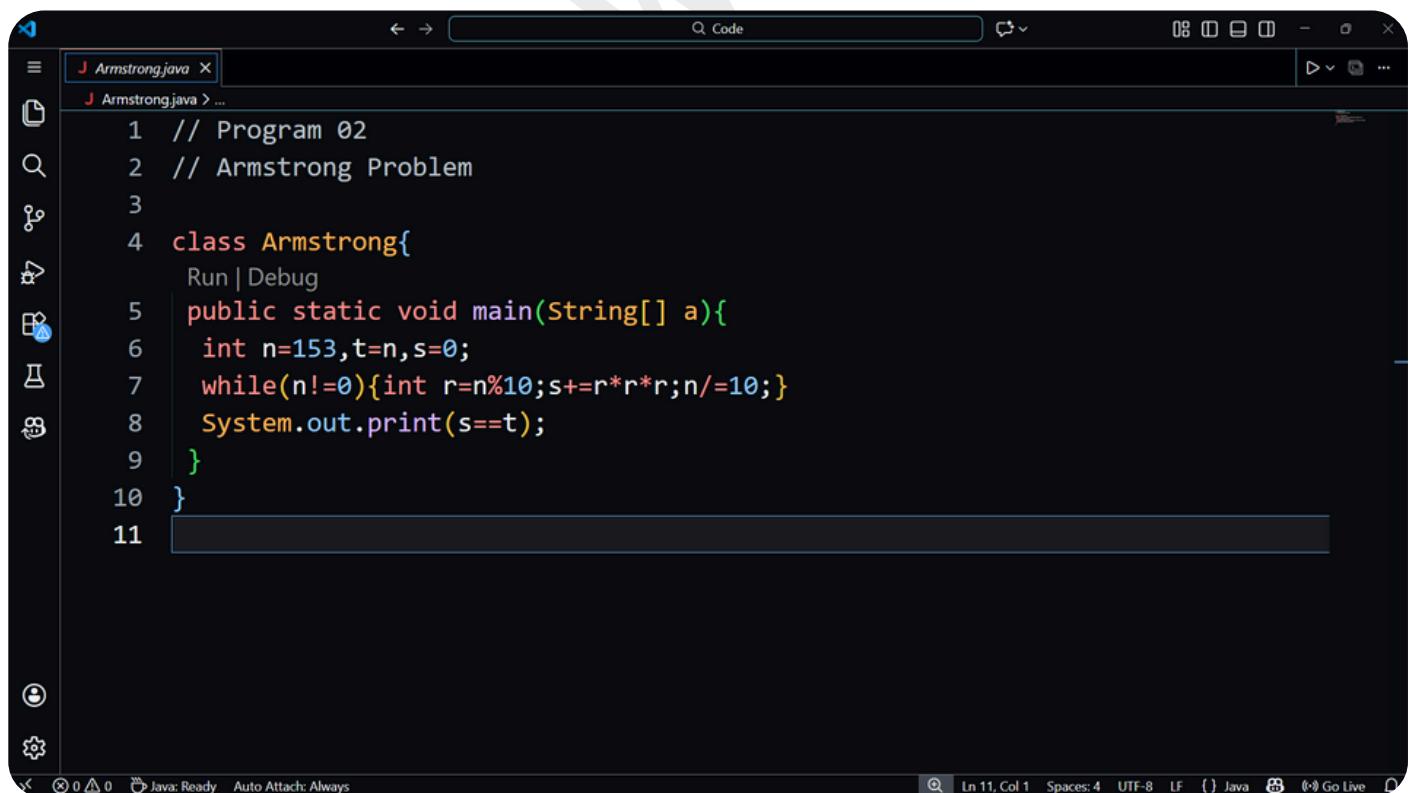
Problem Series

Java Program

Problem Series

2. Armstrong Problem

Code

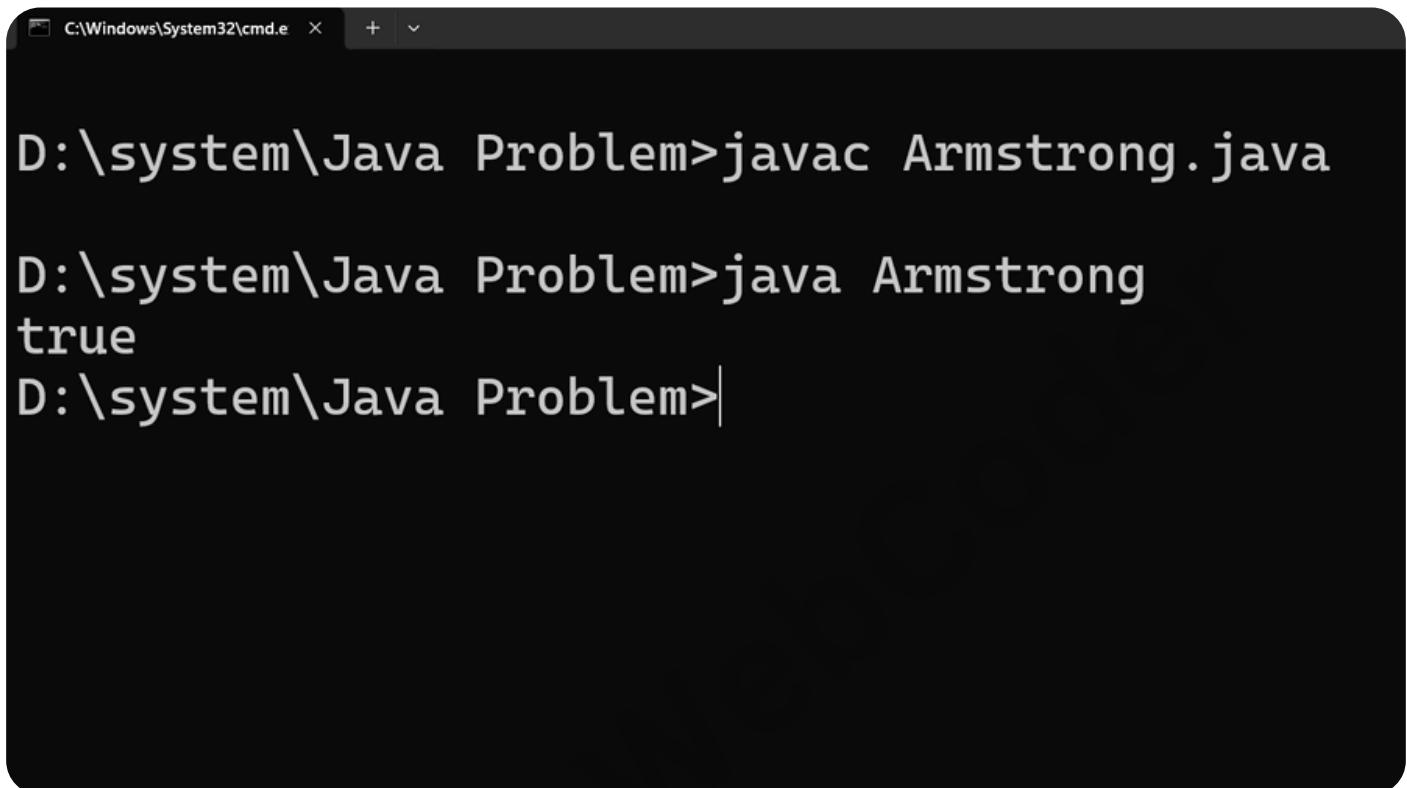


A screenshot of a Java code editor showing the code for the Armstrong problem. The code is as follows:

```
1 // Program 02
2 // Armstrong Problem
3
4 class Armstrong{
    Run | Debug
5     public static void main(String[] a){
6         int n=153,t=n,s=0;
7         while(n!=0){int r=n%10;s+=r*r*r;n/=10;}
8         System.out.print(s==t);
9     }
10}
11
```

The code defines a class named Armstrong with a main method. The main method initializes variables n, t, and s, then enters a loop where it calculates the sum of the cubes of the digits of n and compares it to the original number n. If they are equal, it prints true; otherwise, it prints false.

Output



A screenshot of a Windows Command Prompt window titled "C:\Windows\System32\cmd.e". The window contains the following text:

```
D:\system\Java Problem>javac Armstrong.java
D:\system\Java Problem>java Armstrong
true
D:\system\Java Problem>
```

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Thank you !

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