



Java

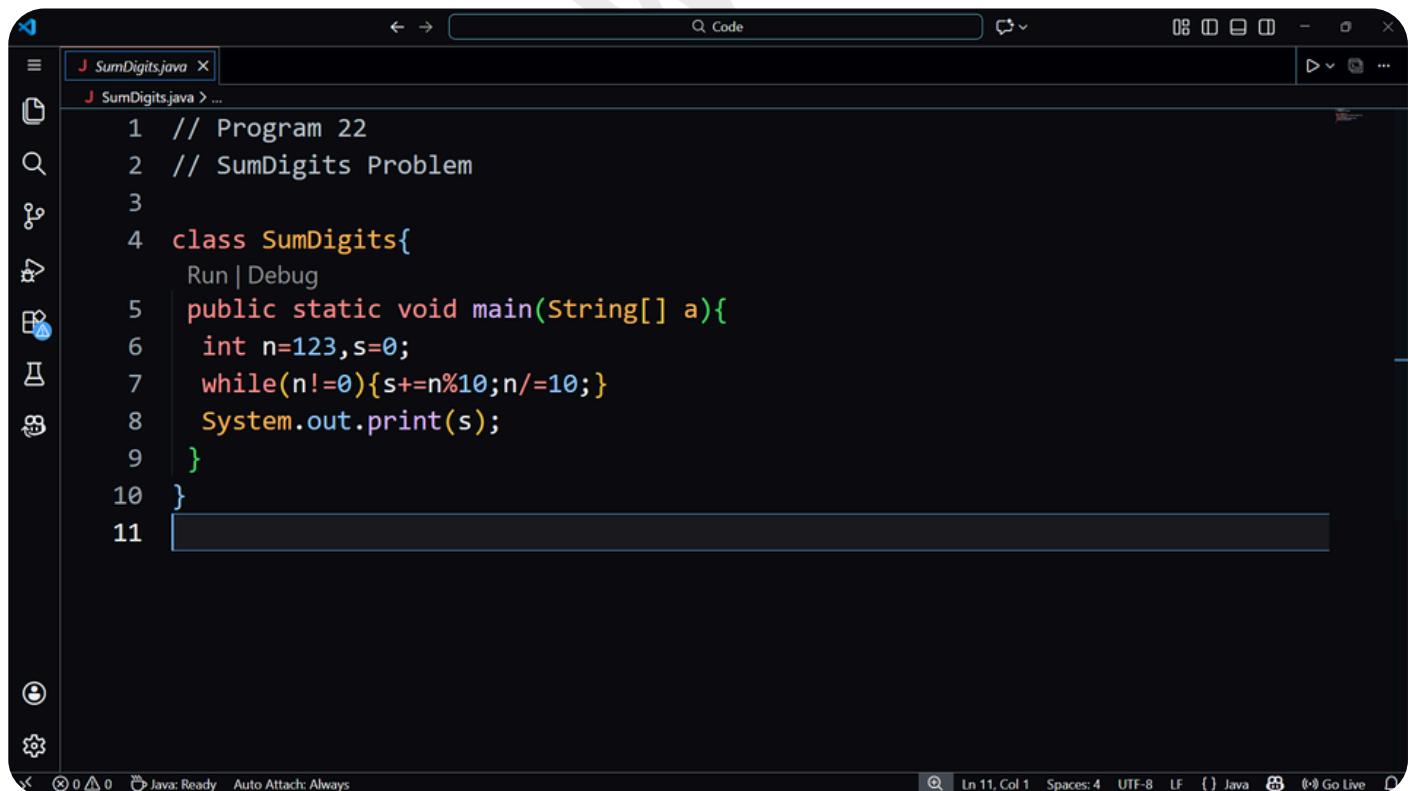
Problem Series

Java Program

Problem Series

22.SumDigits Problem

Code

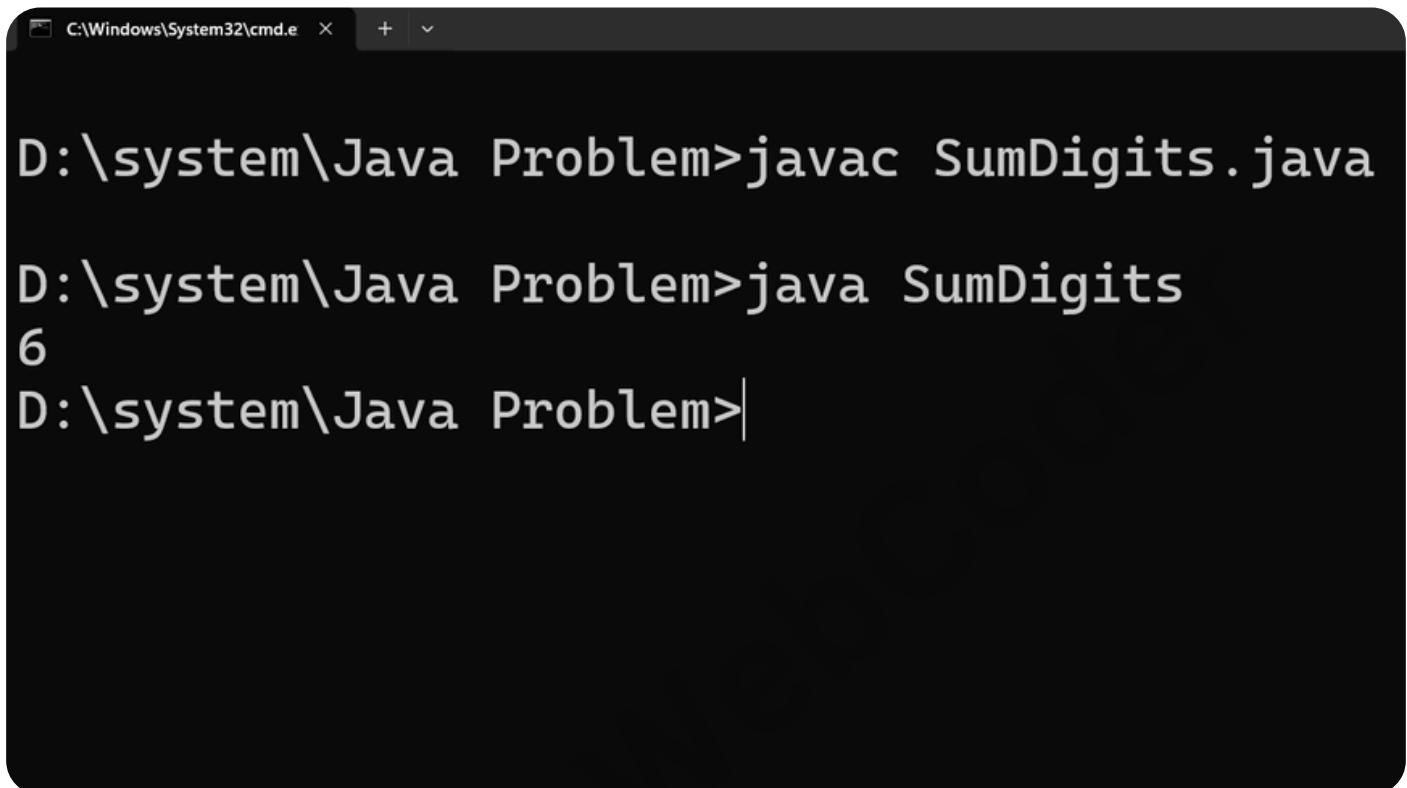


The screenshot shows a Java code editor window with the following code:

```
1 // Program 22
2 // SumDigits Problem
3
4 class SumDigits{
    Run | Debug
5     public static void main(String[] a){
6         int n=123,s=0;
7         while(n!=0){s+=n%10;n/=10;}
8         System.out.print(s);
9     }
10}
11
```

The code is a simple Java program that calculates the sum of digits of a given number. It uses a while loop to repeatedly extract the last digit of the number (using `n % 10`) and add it to a sum variable (`s`). The number is then divided by 10 (`n /= 10`) to remove the last digit. This process continues until the number is no longer zero. Finally, the sum is printed to the console using `System.out.print(s)`.

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 SumDigits.java
D:\system\Java Problem>java SumDigits
6
D:\system\Java Problem>
```

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Thank you !

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