```
import java.util.*;
public class isarmstrong {
      public static void main(String[] args) {
            int sum = 0;
            Scanner sc = new Scanner(System.in);
           System.out.println("Enter a number to check Armstrong number: ");
           int num = sc.nextInt();
            int copy = num;
           String n = Integer.toString(num);
           int len = n.length();
           while(num != 0) {
                  int rem = num % 10;
                  int mul = 1;
                 for(int i = 1; i <= len; i++) {
                       mul *= rem;
                  sum += mul;
                  num /= 10;
           if(sum == copy) {
                  System.out.println(copy + " is an Armstrong number");
                  System.out.println(copy + " is not an Armstrong number");
                                                                                                                                   Ð
                                       P5 C:\Users\heman\Desktop\java\Day-1> & 'c:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+$howCodeDetailsInExceptionMessages' \pppOsta\Roaming\Code\User\workspaceStorage\5d3f3e7447782df4a4971f9b5d2e0367\redhat.java\jdt_ws\Day-1_1d7faf7\bin' 'isanmstrong Enter a number to check Armstrong number:
                                   3
3 is an Armstrong number
3 is an Armstrong number
6:\Users\heman\Desktop\java\Day-1; & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCode
6:\Users\heman\Desktop\java\Day-1; * (':\Users\heman\Desktop\java\Day-1'; * (':\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCode
finese entionAdus.eanes' '-cn' '(:\Users\heman\Depbata\Roaming\Code\User\workspaceStorage\Sdf3e2447782df4a4971f9b5d2e93e7\redhat.java\jdt_ms\Day
                                  7faf7\bin' 'isarmstrong'
Enter a number to check Armstrong number:
                                 123
123 is not an Armstrong number
PS C:\Users\heman\Desktop\java\Day-1>
```