

```
public class Armstrong {  
  
    public static void main(String[] args) {  
  
        int low = 999, high = 99999;  
  
        for(int number = low + 1; number < high; ++number) {  
  
            if (checkArmstrong(number))  
                System.out.print(number + " ");  
        }  
    }  
  
    public static boolean checkArmstrong(int num) {  
        int digits = 0;  
        int result = 0;  
        int originalNumber = num;  
  
        // number of digits calculation  
        while (originalNumber != 0) {  
            originalNumber /= 10;  
            ++digits;  
        }  
  
        originalNumber = num;  
  
        // result contains sum of nth power of its digits  
        while (originalNumber != 0) {  
            int remainder = originalNumber % 10;  
            result += Math.pow(remainder, digits);  
            originalNumber /= 10;  
        }  
  
        if (result == num)  
            return true;  
  
        return false;  
    }  
}
```