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//Zadatak 4. radna bilježnica  
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#include <iostream>  
#include<stdio.h>  
#include<stdlib.h>  
#include<math.h>  
using namespace std;  
  
int main()  
{  
    int a;  
    int as, ad, aj;  
    cin >> a;  
  
    as = a / 100;  
    ad = (a % 100) / 10;  
    aj = a % 10;  
  
    as = pow(as, 3);  
    ad = pow(ad, 3);  
    aj = pow(aj, 3);  
  
    if (a == (as + ad + aj))  
        printf("Broj je Armstrongov");  
    else  
        printf("Broj nije Armstrongov");  
  
    return 0;  
}
```