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//Zadatak 16. radna bilježnica  
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#include <iostream>  
#include <stdio.h>  
#include <stdlib.h>  
#include <math.h>  
using namespace std;  
  
int main()  
{  
    int x;  
    int i, p = 0, n = 0;  
    int xz;  
  
    cin >> x;  
  
    while (x > 0) {  
        i = x % 10;  
  
        if (i % 2 == 0)  
            p++;  
        else  
            n++;  
  
        x -= i;  
        x /= 10;  
    }  
  
    xz = p * n;  
    xz = pow(xz, 3);  
  
    if (xz < 1000)  
        xz *= 100;  
  
    cout << xz;  
  
    return 0;  
}
```