#include<stdio.h>

int main() {

    int num, temp, rem, sum;

    printf("Armstrong numbers between 1 and 1000 are: ");

    for (num = 1; num <= 1000; num++) {

        temp = num;

        sum = 0;

        while (temp != 0) {

            rem = temp % 10;

            sum += rem \* rem \* rem;

            temp /= 10;

        }

        if (sum == num)

            printf("%d ", num);

    }

    return 0;

}

