#include<stdio.h>

int main(){

    int num,r,sum,temp;

    for(num=1;num<=500;num++){

         temp=num;

         sum = 0;

         while(temp!=0){

             r=temp%10;

             temp=temp/10;

             sum=sum+(r\*r\*r);

         }

         if(sum==num)

             printf("%d ",num);

    }

    return 0;

}

Output:

1 153 370 371 407