Problem A
Hexa

Batas waktu	: 1s	Masukan	: Standard input
Batas memori	: 1 MB	Keluaran	: Standard output

DESKRIPSI

Tuhan menciptakan manusia dengan lima jari setangan dan mempunyai dua tangan. Oleh karena itu manusia menggunakan kesepuluh jari untuk menghitung. Muncullah sistem bilangan berbasis sepuluh atau *decimal*. Sistem bilangan *decimal* menggunakan sepuluh simbol yaitu 0, 1, 2, 3, 4, 5, 6, 7, 8, dan 9

Sekiranya manusia hanya mempunyai tiga jari setangan dan mempunyai dua tangan maka tentulah manusia akan menggunakan sistem bilangan berbasis enam atau *hexa*. Sistem bilangan *hexa* menggunakan enam simbol. Misalkan sistem bilangan *hexa* menggunakan enam karakter ASCII: 'N' mewakili nilai nol, 'S' mewakili nilai satu, 'D' mewakili nilai dua, 'T' mewakili nilai tiga, 'E' mewakili nilai empat, dan 'L' mewakili nilai lima.

Anda diminta menulis program untuk mengubah (konversi) bilangan *decimal* bulat nonnegaitf menjadi bilangan *hexa*

FORMAT MASUKAN
Masukan terdiri atas sebuah bilangan bulat *decimal* nonnegatif tidak lebih besar daripada 2000000000.

FORMAT KELUARAN
Keluarkan bilangan *hexa* untuk bilangan *decimal* tersebut.

CONTOH MASUKAN 1
6

CONTOH KELUARAN 1
SN

CONTOH MASUKAN 2
310

CONTOH KELUARAN 2
SDTE

Problem A
Hexa

Time limit	: 1s	Input	: Standard input
Memory limit	: 1 MB	Output	: Standard output

DESCRIPTION

God created humans with two hands consists of five fingers on each hand. Humans use these ten fingers to count, which later results in the discovery of the number system based on tens known as the decimal number system. The decimal number system uses ten symbols, which are 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9.

But what if humans were instead only given three fingers on each hand. Undeniably humans will instead discover the number system based on sixes which will later be known as the *hexa* decimal system. The *hexa* decimal system uses six symbols. For example, the *hexa* number system uses the six ASCII characters: 'N' that represents the value zero, 'S' that represents the value one, 'D' that represents the value two, 'T' that represents the value three, 'E' that represents the value four, and 'L' that represents the value five.

You are asked to create a program to change (convert) round nonnegative decimal numbers into *hexa* numbers.

INPUT FORMAT
The input consists of a round nonnegative decimal number not more than 2000000000 (input $\leq$ 2000000000).

OUTPUT FORMAT
A *hexa* number for the decimal number.

SAMPLE INPUT 1

6

SAMPLE OUTPUT 1

SN

SAMPLE INPUT 2

310

SAMPLE OUTPUT 2

SDTE