Functions in Algorithms

Monday, 11 January 2021

INT()

INTEGER PUNCTION.

There are two purposes:

- 1) Digit extraction
- 2) Finding whole number entered.

Extaction: Digit

Eiven?

2) Number of digits in number 2) Number of digits to extract from left.

$$SD = INT \left(\frac{39546}{10000} \right) = 3$$

$$TD = INT \left(\frac{34546}{1000} \right) = 39$$

$$ThreeD = INT \left(\frac{39546}{100} \right) = 395$$

Finding whole Number?

DIVISION Functions:

$$\frac{9}{2} = \frac{9}{4} = \frac{9}{2} = \frac{4.5}{9}$$

$$\frac{9}{2} = \frac{4}{3}$$

- OUTPUT How many one Ever and odd in bus.

Count 40, NEO, XEO, evento, odd & D

For Count + 1 To 1000 INPUT N X + N MOD 2

IF X = 0 Then even = even +1

IF x=1 Then odd = odd +1

Next OUTPUT even, odd