Reverx the digits of a 32 - bet agreed integer
[Fey concepts:] [Integer limits: minimum: INT_H/N=-231
I Integer Cenuits: minimum: INI_HIN=- 231
maximum: INY-MAX = 231
you must cluck ever flow below it he spen
you must cluek ever flow before it hespens 2. No 64-bit integers allowed: you rued to work digit by degit.
Love of majors or organical actions of agricultures.
Algerithm strategy: L'Esetract dégits: - répeatedly taile x 1. 0 to get être lastoliget "use intéger dévinion x 1/20 to shrinde x. 2. Build reversed number :- suppose your cussent result is ser.
L'Extrect digits: revertedly take x 1. 10 to get the last digit
use integer devenion x/1/eo to shrink x
2 Build seversed numbers - regards room cussent result in son
Alta exetractiva dividal var wart
After extracting digital you want:
3 Check los gres Wor below assigning
3. Eleck for over flow before assigning: before delig slow rev x-10+d you must ensure it wan't ever flow: If sev-1/NI_MAX 11 10 %
wan It over Man Il surs IN MAN 1/ 10 98
sw == IN-HAXIL to and
d > # twell over flow
Liboraria la INT HIR Care H
- Likewie for IN WIN with
negative numbers.
El 1 9 and I
Elge Coses;
· sevessing 0 -> 0
severing 1000-51 (legoling Zus ale dropped)
* reversing - 120-> -21
Leverning values near INT- HAX or INT- HIN - check for some flow?