Introduction to UDT Tuesday, 2 February 2021 8:16 AM
Data Representation:
* User-Defined Datar Types.
Cey terms:
. UDT _ Non-Composate data types
. UDT Non-Composite data hipe - Enumerated data hipe. - Pointes data hipe.
- Composite duta types - Sets
- SEFS - Classis/object - UDT/Revosed datas Ype'
Emmerated Data 77900:
gratur; TYPE < identifier> = (value1, value1, value3,)
Type Tmonths = (Jan, Feb, Mar, Apr, May, Jun, Jun, Jul, Aug, Sep, Oct, Nov, Dec)
DECLARE Kismonk: Thonks **Kismonk \to \toun
DECLARE nextMonth: Thonks nextMonth - this Month +1
TOGUARE A: INT
Pointers: (Data Type)
Key terms: - Pointer De-ze feraing.
Type T-INT = ^INT Type T-INT = ^INT DECLARE affinite & T-INT DECLARE affinite & T-INT
~ aPointer ~ 1
TYPE TmonthsPointer = ~ TMonths Type TmonthsPointer = ~ TMonths
DECLARE month Pointer: I mount
month Pointer - 1 this Month
De-referencing:
DECLARE preMonte: Thomas Premonte + month Pointer - 2 Premonte + month Pointer - 2
_ ·
Example: ANTENER
TYPE xPoints: ^INTENER a < 3
a ← 3 Declare P: xPointer
$\sqrt{\frac{p+^{2}a}{b+p^{2}+6}}$
$\frac{a}{3} \frac{\frac{p^{n}}{3}}{\frac{3}{26}}$
Deset-fointe to location
TYPE < Set-identifier> = SET OF <bax type=""></bax>
DEFINE < identifiers (values, values, values,): < set - identifier)
TYPE Set-Letters = SET OF CHARACTER
DEPINE yowel ('a', 'e', 'i', 'o', 'u'): Set-letters.
RECORD
TYPE TSREL
DELLARE SNO: INT
PECLARE 3 Name: STRING OPELARE SCLAM: STRING
DOGLAGO OFO : CURR
DRIADE Esterbird BOOLEAN
DUCTARE SDOB . DATE
END TYPE
DECLARE Atmed: TSREL
VICCIIICE MIJMEN . I
Atmed. SNO + 1
OUTPUT Atmed. Date.