```
STRUCTURE
    Thursday, 18. August 2022 14:25
# INTRODUCTION TO STRUCTURE
  O structure con be collection of dissimilar elements.
 @ Structure 18 a way to grown Variable
 1) Defining structure is a creating custom datatypes
# PRIMITIVE AND NON PRIMITIVE DATA TYPH
     INT
    Char Student Secondary data type

Sout customer User defined data type
     double employee
# DEFINING STRUCTURE ( creating data type)
               char HHe Cros;
               Howt price ;
         · hlobal VIS local definition
# DECLARINW STRUCTURE VARIABLE
        Struct Book
          int bookid;
                                     Struct Book b1, b2;
          char Little Cut;
          yout price;
       3 b1, b2;
 # INITIALIZINW STRUCTURE VARIABLE DURINW DECLARATION
     void /1()
                 structure variable
        Struct Rook b1 = { 1, " CPP", 240 };
                                 b! -> structure variable
             Dutatope
                                HNO_
                          4001(1° d
                               member variable
# INITIALIZING STRUCTURE MEMBER AFTER DECLARATION
             Struct Rook 62;
             b2. books = 2;
             stropy (bz. time, " Java");
              b2. price = 425.0);
# TAKENW INPUT FROM USER
    Struct Rook bis;
    bring (" Enter book id , time and brice");
    sconf (" "d", 1 b3. bookid),
    Hush ( Sto in);
    1948 ( 62. 11He, 20, Stdin);
    scorf ("1.11 1 , 1 b2. price),
   STRUCTURE ARRAY
     Struct Rook bEST;
              b COJ. book 1d = 5;
              b C17. bookerd = 6;
# FUNCTION RETURNING STRUCTURE
   Struct Book Inbut ()
   Struct Book bi,
    prints (" Enter od, title & price");
    scang ("" , Ib. booked);
    Hush ( stdin);
    Jacks (b. HHe, 20, Stdin);
    scanf ("11/2", 16. price);
    return b;
   FUNCTION CALL BY PASSING STRUCTURE
#
     void display ( Struct Book b)
        pring (" " of " & " bibookid , b. Hite, b. price);
      display (b1)
       J9011 (
                  A \n \(0)
              time Coarlon (time) - 17 = 1 \ 0 1
    STRUCTURE POINTER
#
     Struct Rook b1;
     struct Book & Hr.;
                                    HHE
                              book rd
       par = 8 b1;
                                  b b1. boor 1'd
                                  (Abtr). book 1'd
```

per - book 11d

#