

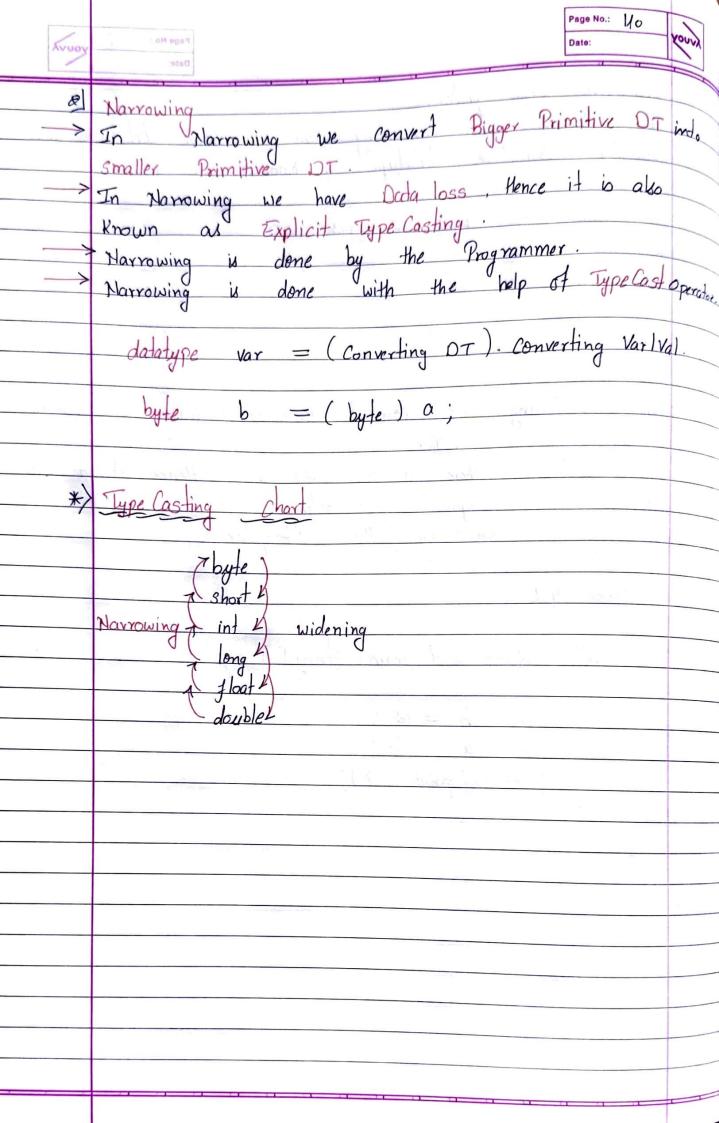
Primitive Type Consting

The Process of Converting one Primitive datatype into
another Primitive datatype is Known as P. T.C. # In this we have &- Types. Norrowing i) widening In Widening we convert smaller Primitive DT into Bigger Primitive OT. > In Widening there is No Data loss, Hence it is also Known as Implicit Type Casting.

Widening is done by the Compiler. Egizi) Class P1 public static void main (String [] args) byte b = 12;

int a = b;

3ystem.out.println(a); OIP:> 12



Type Casting Avuoy Type Casting Non- Primitive Type Casting Nexther Primitive Type Couting Down Casting UpCasting Narrowing Widening [xxp] [imp] [ pxp] [imp] # Non-Primitive Type Casting N.P.T.C The process of converting one Non-primitive data type into another Non-primitive data type is Known as N.P.T.C. Up Casting

→ The process of converting sub-class type into

super - class type is Known as UpCasting. Note:>

UpCasting will be done implicitly by the Compiler. 21 Down Casting

The process of converting super-class type into
sub-class type is Known as Down Casting. Note:>
2) Down Casting will be done explicitly by the programm

Page No.: 118 DownCasting extends Fruit j = new Fruit (); (super) (super) (Super) Up Casting\_\_\_ Note 3> with the help of sub-class object reference we can use members of sub-class as well as members of super-class only the members of super-class but we can not use members of sub-class.