Type Casting.

Type lasting es a phocess of storing the value of one datatype into another datatype

There are two types of type casting:

1) Implicit type costing 1) Explicet type costing.

1 Implicit Type cousting.

Conventing on storing a value of smaller data type ento the variable of bigger data type es called as Implecit type casting.

Priogram:

class Type Casting Demo

public static void man (String [Jargs)

int salary = 365000; double dup Salary = salary;

System.out.println('Salary = "+salary); System.out.println('dupSalary = "+dupSalary);

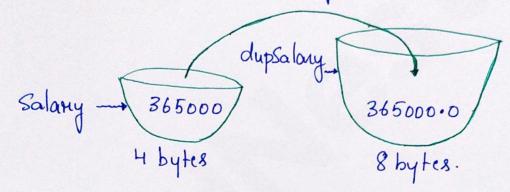
4



Output: Salany = 365000 dupSalany = 365000.0

Memory Map:

ent Salary = 365000 double dup Salary = Salary.



Note: Here we are storing the value of ent type variable ensede the double type variable. Hence the value es getteng stored ento double type variable, Contra o well be added as a fractional pant.

3 Explicit Type Lasting:

Conventing on storing a value of biggen data type into the variable of smaller data type. 98 called as Explicit Type Casting.

Program:

class Type Carting Demo

Public static void main (String EJ augs)

double pi = 3.14159; int dupDi = pi; ~~ Emmon.

System. out. printin ("Pi = "tpi); System. out. printin ("Duplicate pi = "tdupPi);

}

Note: Here we are trying to store the value of double insede the variable of ent identity without performing Explicat type casting.



Priogram using Explicit type Carting.

Class Type Casting Demo

Public static void main (String [] args)

double pi = 3.14159;
int dupPi = (int)pi;

System.out.println("Di = "tpi);
System.out.println("Duplicate pi = "tdupPi);

3

Output:

Pi = 3.14159

Duplicate pi = 3.

Note: Hence ent datatype doesn't stone decimal values, fractional part is not stoned in int variable while Couplicit Conversion.