

Range Data type Size(In byle) TB>(2°) -128-127 1 Byte -(21-1) to (21-1) ~B)(2) -32768 - 327672) Short -(312-1) 40 (212-1) 4B>(22) -2147483648 — (3) int 2147483647 (4) long 8B > (23) -9,223, 372,036, 854,775, 808 — 9,223,372, 036,854,807. 4B (5) float -3.4×1038 to 34×1038 -1.7×10308 to 1.7×10308 BB ( double 0 - 65535 (7) Chan 2B JVM (depend on) (8) Boolean True, false TB TPUT \$ 9n Java ASCIT +X Din place of UNICODE -> 1

# In Java UNICODE happen bcz in ASCII only Support english lang. but UNICODE Support 61 Spoken language.

UNICOde!-

 $(A' \rightarrow) 65$   $(B' \rightarrow) 66$   $(A' \rightarrow) 65$   $(A' \rightarrow) 65$   $(A' \rightarrow) 65$   $(A' \rightarrow) 66$   $(A' \rightarrow) 65$   $(A' \rightarrow) 66$   $(A' \rightarrow) 66$   $(A' \rightarrow) 65$   $(A' \rightarrow) 66$   $(A' \rightarrow) 66$  (A'

Type Conversion !-

Implicit Conversion

Emplicit Conversion

Conversion by Comibiles

Conversion by programmer.

There are two Rule when Implicit Conversion happen

1) Values on both Side of assignment operator must be compatible

int n; unicod Int n; print (n); print (n); print (n); print (n); print (n); conversion order)

Conversion

Conversion

Conversion

2) The value of R.H.S of assignment operator must be
Smaller than the Variable on the left of assignment
A Smaller greater depend on Range of data type
के gouple > front > long > int > post > pare
Ep.
flood aj
9 = 10;
print (a) -> Comibiler will perform type
[10.000000]
er. int a;
got A 1-1- double Rule break 1 int a;
d=(wt) 10)
Symbox enor

Some Quodes !-

in byte a = 10; intb; b=q;

2) int a=10;

by не b;

X Not work (Second Rule Break)

Xxxx very impostant point !-

Byte Eitzl & or int 1851 & So

\*\* होटा बड़े के अन्तर Run हो जारिया

3) int a-128;

byte b;

b=a;

X Not Run.

होरा ७ डिप्रस Short Int Solution of previous code!long float पावसे बा >daubip int a = 10; byteb; -> X Not Run. b=a; >> int a = 10 byte b; -> uper change date type b=(byte) q Resplicit data Conversion. other example # Short q = 10; int b; Runf Becz Short Elizi Z int bada z b=a; के होंदा को के कि rupu

int no 10; Short si X Not Run Short I'nt with the 18 int a= 10; long b; Pin. long a = 10; Not Run. int b; to solution long a= 2147483648L # Very Emp. thin will work long a= 2147483648; 2147 48 3648 / HW/ Number troated as integer or integer Range in less So Java det Number det Integer Number 100 large 1 हे पही भान रही है।

Long way into point! 
What as All long Number and streeted as integer or

integer of Range fill fill & at Java set

No. 3: 5E of Hirst or generate of Ant Evolor,

but

long a = 10 treated as long 1

long a = 10 treated as long 1

long A EATH USE Suffix L

A) If we use . (dot) -> this Convert to double