

Days

There are 8 primitive data types in java.

M T W T F S S
Page No.:
Date: 15/01/25
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# why char has 2 byte memory →

Because of its unicode accommodations

~~at~~ char have 127 <sup>introduced</sup> characters but in future if new character <sup>introduced</sup> then size there might be memory problem. hence char is of 2 byte.

# Ascending order of data types : byte < short < int < long < float < double < char

# unicode : → (\u0000)

# Variables :

variables are the containers in which we store data.

we create variables using data type

Syntax :

data type variableName.

# variable Declaration Statement :

Syntax : data type variableName;

Eg: String name, byte rank, float percent, Long phno;

name  
[ ]

rank  
[ ]  
1 byte

phno  
[ ]  
8 bytes

Percent  
[ ]  
4 bytes

grad  
[ ]  
2 bytes.

Note: In java we can use variable only if it is declared.