agrice; us mt 3.3.1 (ontinud

Short abyte are for specialized applications or where space is it a premium, Use int in most cases. e.g. large arrays

Use long it you need the extended range

may literals

Long suffix = L or 1

Hex prefix Ox or OX octal prefix 0 -> for pape use these byc confusing

Pinary Op a OB

undersono in 1 iterals

underscores in integer literals are ignored, e.g. 1_000 just or readability

Le arridory xypes

Java boss & have unsigned versions of integer types.

unsigned: contract integral types as unsigned

working with signed as unsighed

subtraction Street mill make multiplication of unless dereflar or underland division

For other operations, can Byte to Unsigned Int (1), then process it, then cost it back to byte.

L) Integer and Long classes have mothods for unsigned division + remainder

3.3.2 Floodshy pulit types

Floats range/storage

Type	Storage Registement	Range
float	4 by#s	Approx ± 3.40282347 × 1038 (6-7 significant deciral digits
double	8 bytes	Approx ± 1.79769313486231570 × 10308

Advice id I we?

Use float only if you are using a library that requires them or younsed to store a lot of them. Otherwise, dauble.

literals: suffix for F forflots oflowing dablesare assumed, but you can explicitly use don D.

⁻ ordered: write a program flat returns 2 Put multiple classes in the same file. Is it allowed if of kest I class materias filenew? What if the other classes are private?