1) a. equals () (content comparcison)

i. Cheeks if objects have the same value content.

il. Must be over roidden in classes to work presenty (default is some as == 1

III. Slower but compares actual data.

; (1) ? lo upo . 0

a = = 6 (reference comparison)

i. checks it both reference point to the same object in memory

ii. works fore all objects and primitives.

ill. Faster but only checks memoring adress.

Example:

Strang a = new strang ("help"); Strang b = new strang ("helo");

Sy stem. out. print In (a == b);

System. out Print In (a. equals (b));

21 in Security - proevents unauthorized modifications (e.g. in network connections, fixe Path)

ii. Thread safety - can be safely sharred between threads.

in. Pertformance - Enables strang pooling (reuse

iv. Hashcode caching - Hash con ben conkulated

Once and neusel.

Example:

String S1 = "Hello";

String S1 = "Hello";

String S1 = "Hello";

("Light 2");

(12) Mething. two. mesteks

System. Out. Proport In (52);

Key point: Any operation that seems to "molify" a strainer actually creats a new strainer object instead.