1. O yield (1 method in jam Hvads.

gield() method is static method of Twad clan and it can stop the averently executing thread and will give a chance to other waiting threads of the same phio nity. It is can thatte are no waiting threads on if all the waiting threads have low phiotity then the same thread will continue it's execution. The advantage is to get a chance to learntee other waiting threads so if our current learntee other waiting threads so if our current thread takes more time and allocate processon to other threads.

oyAtan: public static moid yield ()

ex! don Ex Throad extends Thread!

for (inti20 51 (5; i++)

Tweed. yield ();

gystem. out. printlu ("Twicod storts";

Twiend. current Twicod ().

systemous printent "Tweed ended"

Tweed. Coverent Thread (.).

get Hamely)

dan Yield resting

mblic stratic void main (training args [])

1 Mx Thread thread a new Ex Thread); thread. start(); Pg-2

autput:

Twend started: minu giving chance to other twend started: Twend - 0 2 giving chance to other twend

Tweed started: main

Tweed started: Tweed-6.

O diff between Ewor and Exception.

Exceptions about errors both one subclames of Twowalle clam. Etonotr indicates a problem that occurs due to lack of system resource etc. Exceptions occur due to at rentime and compiletime.

Emor

- O Unchedred type
- O iroreconerable
- O controurrat
- O helony, to jana. Lany, Eroron
 - a ex:

DWOF Memory Ervar

Exception

- O dreched and unchecked.
- O recoverable.
- O can occur, at compile and
- @ belongs to Jama. Lany. Exception
- @ ex: Null Prithertzx Ception.

(1) diffluencem path and dampath

part in Jama.

Once getter installation of jana on machine, it's required to set the PATH unincement variable to conneciently seem the excentals le (james. exc., jans. cre from any directory without drawing to type the full path of the command such as :

c: \ Javac TestClam. Jana.

otherwise one has to specify the full pathenery time he/she tems:

c: 1 Jana 1 johl. 7.0 / him / jamesc Testilan. Jane

dempath in James

clampath is system luminoument nariable med by Java coupiler and JVM. They we dampath to determine the location of steep instead class files (dan)

so when we try to import clames and packages with James Stoundard other that those that are available library, JVH writies convent directory for them, it not available, it verifies in set of directories specified in "CLASPATH" Encirement nariorly.

(string and string Builder

muladole (modifiable) shiny. The Java shininghinder clam is same as shininghmeter clam except that it's non-synchronized.

String

stringthinder,

- O mountable.
- Not used in Avreaded environment
- O Mutable.
- O Used in Singlethreaded emisteonment

O slower in performance.

- 6 farter than string Druffer
- O staning nor 2 texample; string nor 2 new string ("Example");
- Stringsmilder und z new Stringskirld en.