Friday, August 26th CS 1025 class #3 Fall 2016

NetLOGO turtle graphics



The example we started on Friday, August 26th, 2016 in CS 1025 class. To be continued during week #2. We did something like this is the 8 am and the 12 pm classes.

Questions will be answered and we will play with the code for this again on Monday, August 29th during class #4.

See the last page of this PDF for the code that you can copy and paste if you wish. We will start with this code by copying and pasting it into NetLOGO session on Monday.



 **;; (pxcor + pycor) is either EVEN or ODD**

**TO checkerBoard ;; What is the REMAINDER when you divide**

 **ask patches ;; by 2? It is either 0 or 1.**

 **[**

 **ifelse remainder (pxcor + pycor) 2 = 0**

 **[**

 **set pcolor white**

 **]**

 **[**

 **set pcolor cyan**

 **]**

 **]**

**END**







**TO checkerBoard**

 **ask patches**

 **[**

 **ifelse remainder (pxcor + pycor) 2 = 0**

 **[**

 **set pcolor white**

 **]**

 **[**

 **set pcolor cyan**

 **]**

 **]**

**END**

**;; The turtles have who numbers: 0, 1, 2, 3, 4, 5, ... 15**

**TO evenOdd**

 **ca**

 **cro 16**

 **checkerBoard**

 **ask turtles**

 **[**

 **pd**

 **set size 8**

 **ifelse remainder who 2 = 0**

 **[**

 **set color black**

 **fd 12**

 **set shape "airplane"**

 **]**

 **[**

 **set color red**

 **set shape "bug"**

 **fd 8**

 **]**

 **]**

**END**