import info.gridworld.actor.Actor;

import info.gridworld.grid.Location;

import java.util.ArrayList;

import java.util.Iterator;

/\*\* Class: AP Computer Science

\* Program: GridWorld

\* Description: This <code>ChameleonKid</code> acts the same way as ChameleonCritter, but only changes its color to those in front or behind it, or, if there aren't other critters in those two locations, the ChameleonKid darkens like a ChameleonCritter.

\*/

public class ChameleonKid extends ChameleonCritter {

public ChameleonKid() {

super();

}

/\* (non-Javadoc)

\* @see info.gridworld.actor.Critter#getActors()

\*/

@Override

public ArrayList<Actor> getActors() {

ArrayList<Actor> actors = super.getActors();

Iterator<Actor> itr = actors.iterator();

int dir = 12;

while(itr.hasNext()){

dir = getLocation().getDirectionToward(itr.next().getLocation());

if(dir != Location.NORTH || dir != Location.SOUTH)

itr.remove();

}

return actors;

}

}