Your name:	Date:
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Problem: Assignment	

Problem description:

Time based disvete simulation of falling dominous

Input name	Description	Data type
initial state	initial configuration of symmul of dominal	array of int

Output data: inital state	Output form:	Data type: away of int
fine o state (first domino tipped)	\1	η
states after time steps	11	11
1(1)		

Strategy:

· read initral state

· print initial state

· for first pos is apright domino,

change to tipping

· print time o state

· for time steps 1... 10

· update State *

· print state

Control flow sketch: Similar problems: #define NVM 10 int state[NUM]; int next: state[NUM]; # Letine EMTPY D tip 1st Domino if apright UPRIGHT 1 Red=correction TIPPING 2 for (10 fines) {

for (int in 0; i< NUM; i++) {

if (state [i] == UPRIGHT) { HORIZ 3 > next_state[i] = state[i]; if (state [i-1] == TIPPING) & next state should default to being the same as the original next-state[i] = TIPPING; 3 ele if (State[i] == TIPPING) next-state [:]: HORIZ; -copy next-state to state

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