

Step 1: Initialization -  
Create a population of N  
elements with randomly  
generated DNA

int N;

Elem\_Obj\_Type curent\_population[] = {};

int i = 0;

i < N

Yes

No

current\_population[i] =  
new Elem\_Obj\_type(new DNA());

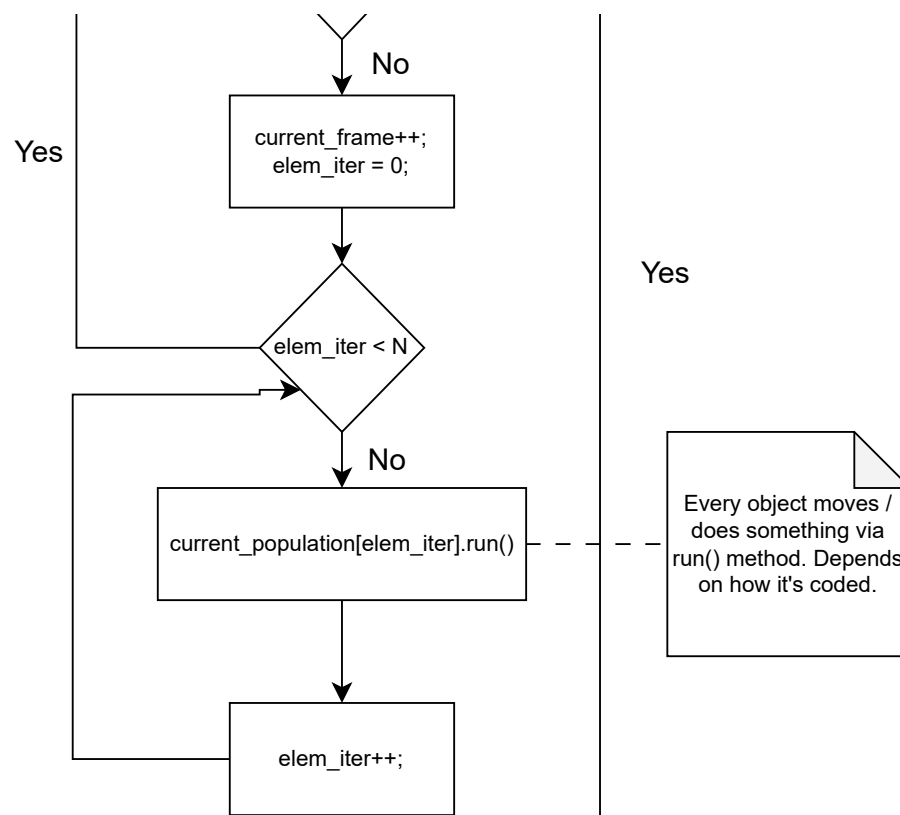
i++;

Step 1.5 (optional): Simulation -  
Simulate the elements for N  
amounts of frames.

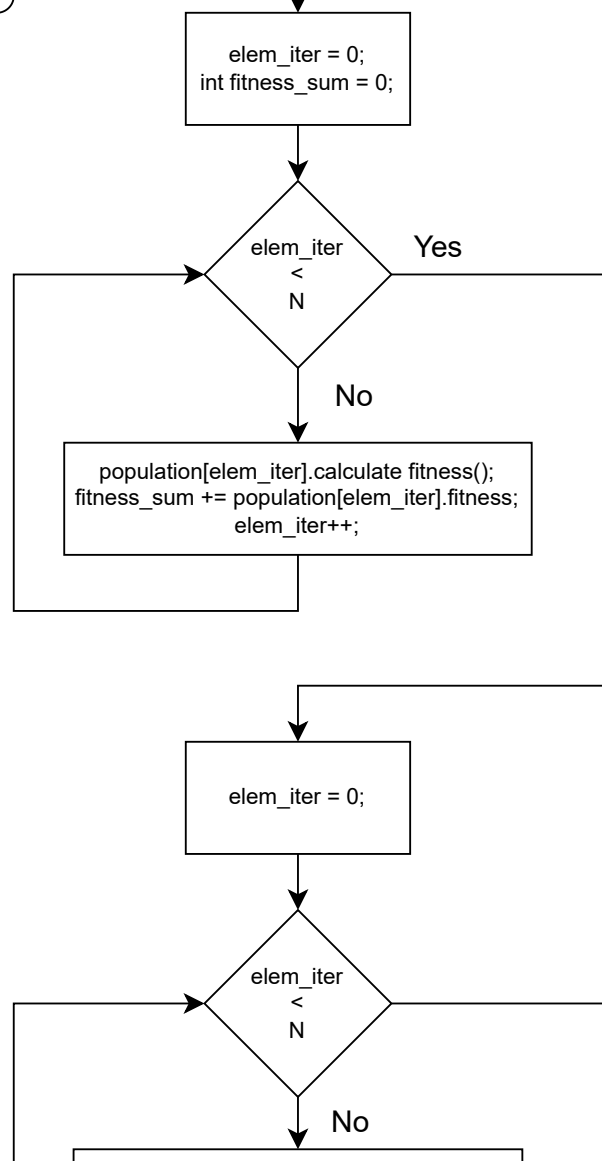
int total\_frames;  
int current\_frame = 0;  
int elem\_iter;

initiate live();  
total\_frames is probably  
a constant. no need to  
initialize it here

current\_frame  
<  
total\_frames



Step 2: Selection - Evaluate each element's fitness and normalize it.



This

