Algorithms: Dynamic Dining Philosophers

Problem 1. Something something. In case we want a table, here it is.

26.8	26.3	28.03	28.5	26.3
31.9	28.5	27.2	20.9	27.5
28.0	18.6	22.3	25.0	31.5

(a) My first point.

(b) My second point.

Solution.

(a) Here is the code

```
1  infinite_loop(Ref, Nodel, Neighbors) ->
2      spelling, Node} ! {self(), Ref, become_hungry},
3      % {spelling, Node} ! {self(), Ref, stop_eating},
4      % {spelling, Node} ! {self(), Ref, leave},
5      receive
6          {Ref, eating} ->
7          print("~p is eating.~n", [Ref]);
8          {Ref, gone} ->
9          print("~p is gone.~n", [Ref]);
10         Reply ->
11         print("Got unexpected message: ~p~n", [Reply])
12         after ?TIMEOUT -> print("Timed out waiting for reply!")
13     end,
14     infinite_loop(Ref, Nodel, Neighbors)
15 end.
```

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