How to implement this in Elixir

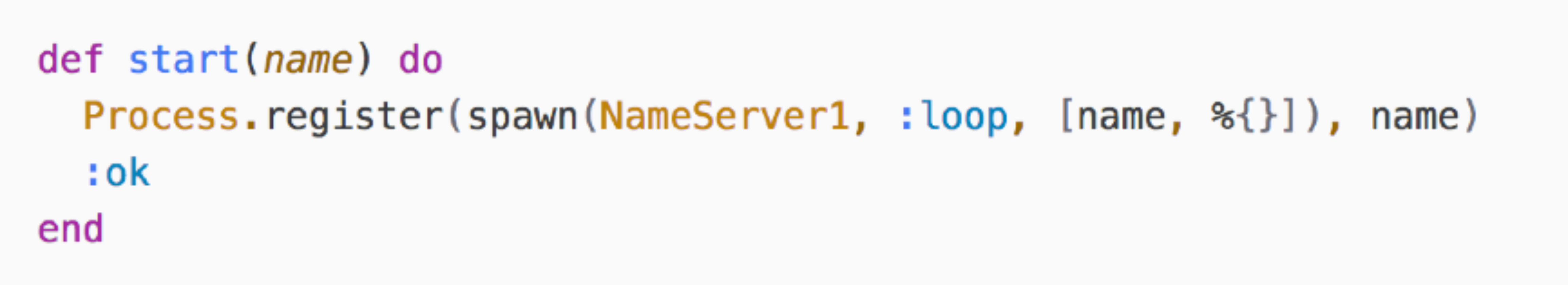
- The process containing the object is started using the spawn/3 function.

- Method calls and responses are replaced by messages. send(PID or Name, data)

- The object maintains its internal data in a tail recursive loop.

Starting a process

- spawn(mod, fun, args) starts a new process.
- register(PID, process_name) registers the process with the system so that, in future, it can be referenced by name.



```
def start(name) do
  Process.register(spawn(NameServer1, :loop, [name, %{}]), name)
  :ok
end
```