The Final Step! Port the code to use GenServer



```
defmodule NameServer4 do
      @moduledoc """
      Very simple name server supporting transactions, using GenServer:
      use GenServer
      ## Interface -
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      # def start(name) do
      # Process.register(spawn(NameServer3, :loop, [name, %{}]), name)
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11
      # end
      def start(name) do
        {:ok, pid} = GenServer.start(__MODULE__, :ok, name: name)
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      end
      # def add(serverName, name, place) do
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      # rpc(serverName, {:add, name, place})
19
      # end
20
      def add(serverName, name, place) do
        GenServer.call(serverName, {:add, name, place})
23
24
      # def find(serverName, name) do
```

rpc(serverName, {:find, name})

GenServer.call(serverName, {:find, name})

def find(serverName, name) do

end

end

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end

Interface

```
## Implementation
@impl true
def init(_) do
 {:ok, %{}}
end
# defp handleRequest({:add, name, place}, state) do
# newState = Map.put(state, name, place)
# {:ok, newState}
# end
@impl true
def handle_call({:add, name, place}, _from, state) do
  newState = Map.put(state, name, place)
  {:reply, :ok, newState}
end
# defp handleRequest({:find, name}, state) do
# {state[name], state}
# end
@impl true
def handle_call({:find, name}, _from, state) do
  {:reply, state[name], state}
end
```

Implementation