1. You are tasked with implementing a Remote Procedure Call (RPC) simulator. This system comprises two processes: the Commander and the Executor. The Commander sends the name of a UNIX command to request execution by the Executor, which then executes the command, returns the output to the Commander, and displays it on the screen.

   For example:
   $ myrpc
   Commander, please input command: ls
   ……result from Executor……..

   Commander, please input command: cat .bashrc
   ……result from Executor……
2. You are assigned to develop an anomaly detection reporting system that periodically—every 10 seconds (called *cycle_time*), for instance—monitors a specific system parameter. If any alteration is detected, the system will automatically dispatch an email notification to the manager. For this scenario, pressing Control-C will simulate an anomaly occurrence, triggering a change in the designated parameter.

   $ detector *start_time cycle_time*
   ……..Ctrl-C (then an email is sent)……..

   The *start_time* is the time when the system is started. The content of the email may be defined at your discretion.