Sir, the text in this font are the Terminal reports and those in this font are our manually added comments in the document.

~Abhay, Subhadeep, Rounak

```
%% example, example worker files are compiled.
53> example:start().
just about to example:start()
just about to supervisor:start_link()
just about to example:init([])
just about to define PoolSpecs
just about to define PoolSpecs:PoolArgs %% pool1 being defined
just about to define PoolSpecs:PoolArgs %% pool2 being defined
just about to finalize example:init
just about to start example worker:start link
just about to define example_worker:init
just about to play %% just a dummy function doing nothing to avoid the SQL call
lets play
play complete
just about to start example_worker:start_link %% pool1 ----- worker1
just about to define example worker:init
just about to play
lets play
play complete
just about to start example worker:start link %% worker2
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link %% worker3
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
just about to define example worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
just about to define example worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
```

```
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link %% worker10
just about to define example worker:init
just about to play
lets play
play complete
=PROGRESS REPORT==== 11-Oct-2017::22:31:55 ===
      supervisor: {local,example_sup}
        started: [{pid,<0.432.0>},
              {id,pool1},
              {mfargs,
                {poolboy,start_link,
                  [[{name,{local,pool1}}},
                    {worker_module,example_worker},
                    {size,10},
                    {max_overflow,20}],
                   [{hostname,"127.0.0.1/login.php"},
                    {database,"database"},
                    {username, "root"},
                    {password, "rootpassword"}]]}},
              {restart_type,permanent},
              {shutdown,5000},
              {child_type,worker}]
just about to start example_worker:start_link %% pool2 ----- worker1
just about to define example worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link %% worker2
just about to define example_worker:init
just about to play
lets play
play complete
just about to start example_worker:start_link %% worker3
just about to define example_worker:init
just about to play
lets play
play complete
```

```
just about to start example_worker:start_link %% worker4
just about to define example worker:init
just about to play
lets play
play complete
ok
54>
=PROGRESS REPORT==== 11-Oct-2017::22:31:55 ===
     supervisor: {local,example sup}
       started: [{pid,<0.444.0>},
              {id,pool2},
              {mfargs,
                {poolboy,start_link,
                  [[{name,{local,pool2}},
                   {worker_module,example_worker},
                   {size,5},
                   {max_overflow,10}],
                   [{hostname,"127.0.0.1/login.php"},
                   {database, "database"},
                   {username, "root"},
                   {password, "rootpassword"}]]}},
              {restart_type,permanent},
              {shutdown,5000},
              {child type,worker}]
=PROGRESS REPORT==== 11-Oct-2017::22:31:55 ===
     application: example
     started_at: nonode@nohost
%% now, that example is started, we try to stop it externally.
54> example:stop().
just about to example:stop()
just about to terminate example_worker
just about to terminate example_worker
just about to terminate example worker
just about to terminate example_worker
just about to terminate example_worker
just about to terminate example worker
just about to terminate example_worker
just about to terminate example worker
just about to terminate example_worker
BYE! just about to stop example
ok
=INFO REPORT==== 11-Oct-2017::22:32:03 ===
  application: example
```

exited: stopped type: temporary

55>

%% done! Workers killed, example is now stopped.