Since this is the first time the replica is connecting to the master, the offset will be -1

So the final command sent will be PSYNC? -1.

This should be sent as a RESP Array, so the exact bytes will look something like this:

 $3\r\n$5\r\nPSYNC\r\n$1\r\n\r\n$

The master will respond with a **Simple string** that looks like this:

+FULLRESYNC <REPL_ID> 0\r\n

You can ignore the response for now, we'll get to handling it in later stages.

Tests

The tester will execute your program like this:

./spawn_redis_server.sh --port <PORT> --replicaof "<MASTER_HOST> <MASTER_POR

It'll then assert that the replica connects to the master and:

- (a) sends PING command
- (b) sends REPLCONF listening-port <PORT>
- (c) sends REPLCONF capa eof capa psync2
- (d) sends PSYNC ? -1

View Code Examples