Delivery bot recursive function call pattern.

while(1) {

begin_the_show();

          ↓   return 0;

while(1)
if load it
not placed on bot
i.e stay here until
load it placed.
i.e (stop condition)

stop_for_next_load();

|if load is
↓ placed.

move_some_distance();   return 0;
|after returning
↓ from above function}

while(1)
monitor untile.
We reach the
destination

start();

|it destination
↓ reached.

                             return 0;

stop_motors,
stop_for_unload();

while(1)
stop here until
the load it removed.

↓ it load is removed.

move_home_distance();   return 0;
|after returning from
↓ above function}

while(1)
until We reach
the destination.
home point

monitor_after_unload();

|if home point reached.
↓

stop_motors,
return 0;   return 0;

}