

# Plant Watering System



```
while ( true )
do
  set Reading to ( analog read pin P0 )
  set Soil to ( 100 - ( Reading ÷ 1024 ) × 100 )
  show number ( Soil )
  pause (ms) ( 1000 )
  clear screen
  if ( Soil < 50 )
  then
    digital write pin P1 to ( 1 )
    pause (ms) ( 10000 )
    digital write pin P1 to ( 0 )
  end if
  pause (ms) ( 60000 )
end while
```

