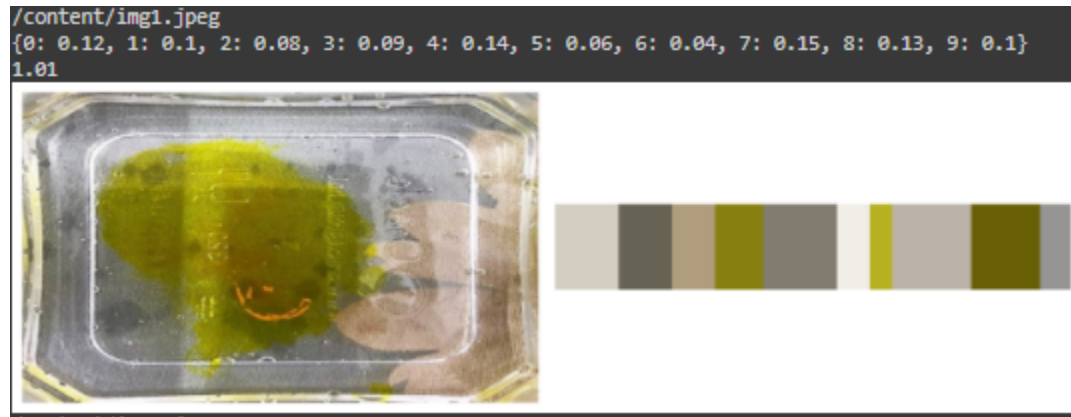


Q4. Here are the images which were taken and the pixels were digitally analyzed by image processing in python.

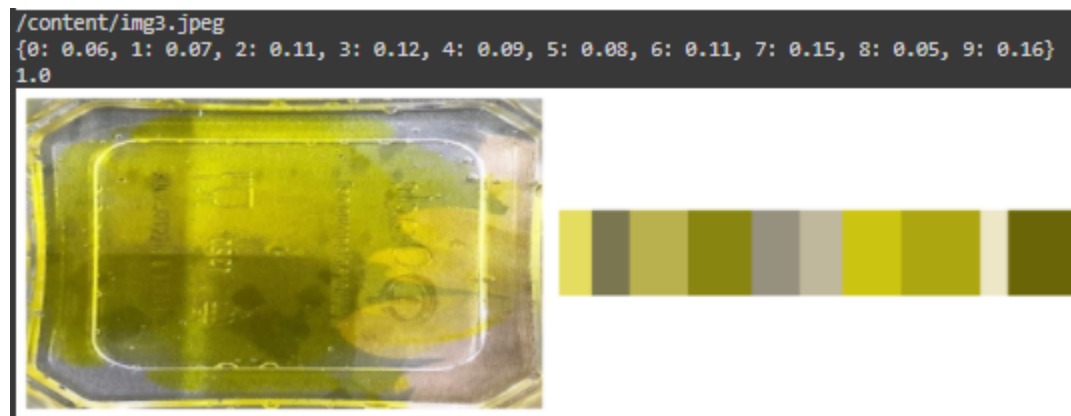
t=10s



t=30s



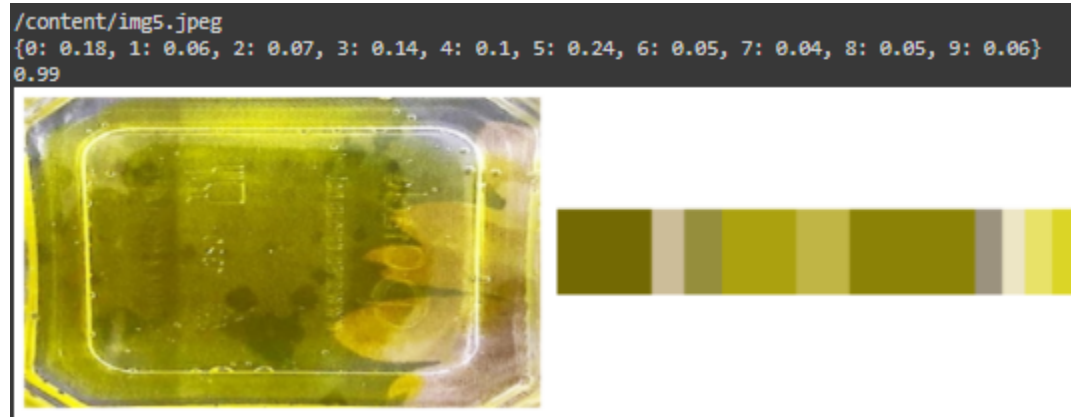
t=45s



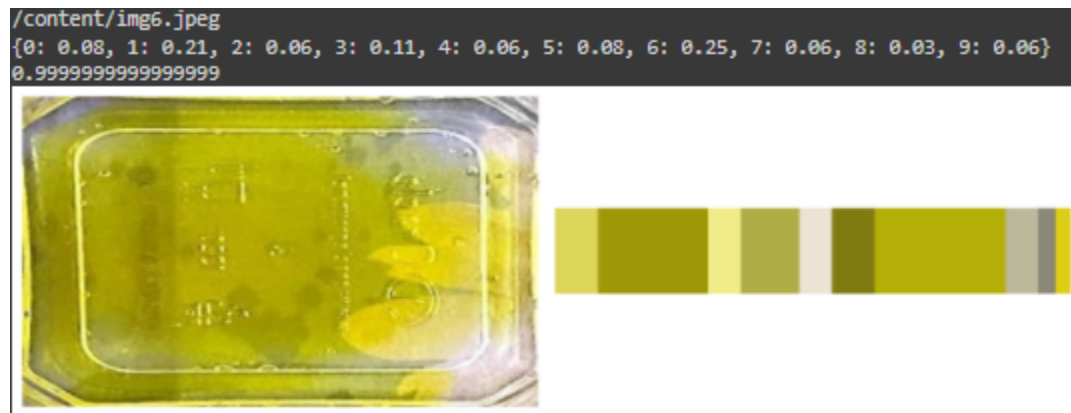
t=60s



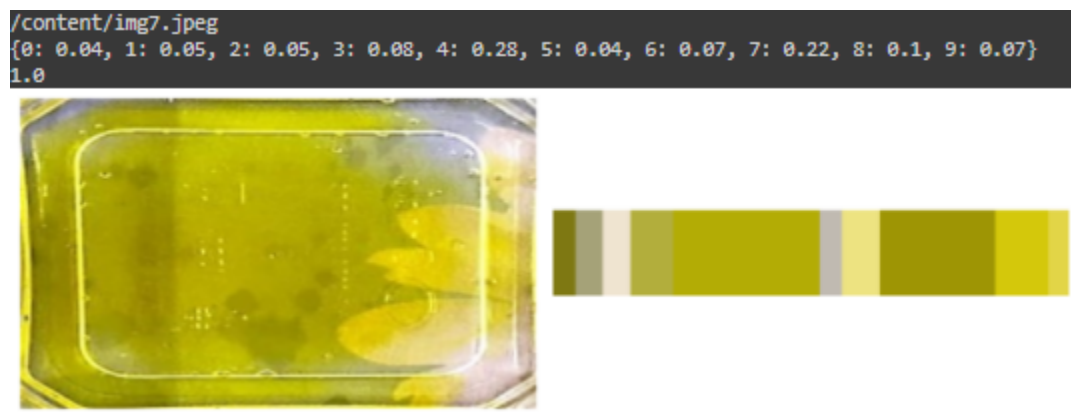
t=90s



t=120s



t=150s



t=180s



Observations:

time(s)	area fraction	slope
10	0.2574257426	0.02277227723
30	0.7128712871	0.004327099377
45	0.7777777778	0.003481481481
60	0.83	0.0006161616162
90	0.8484848485	0.0001028204613
120	0.8515694623	0.0002810179226
150	0.86	0.0002895622896
180	0.8686868687	

area fraction vs. time(s)

