**SPIDER ELECTRONICS TASK**

**TASK GIVEN:**

**Build the following circuits using operational amplifier (any IC), in Proteus:**

1. Summing amplifier (inverting and non-inverting)

2. Difference amplifier (inverting and non-inverting)

3. Integrator

4. Differentiator

5. Schmitt trigger

6. Oscillator (square, triangle, sine)

I used IC 741 for all of the above mentioned circuits and all the circuits mentioned above has been created in proteus and the Project file, screen recording of the simulation has been attached along.

NOTE : kindly mute the screen recordings before playing it