1. 2 charged rings with inner and outer radii, find E field for each radius range
2. Charged rod, find V & E & F in line with rod & offset from rod
3. Charged insulating hollow sphere w/ inner and outer radius & charge density – find field with Gauss
   1. A=4PI\*r^2, Q=ro\*4/3\*PI(r^3-a^3)
4. Find vector direction & mag of 2 point charges, E, F and then just find V or U