**Assignment 1**

You are provided with:

* Solution M, HCL
* Solution N, 0.1M NaOH
* Phenolphthalein indicator

You are required to determine the concentration of solution M in moles per liter

**Procedure**

1. Fill the burette with solution M
2. Pipette 25cm3 of Solution N into a conical flask
3. Add 2-3 drops of phenolphthalein indicator and start to titrate until the pink colour just disappears
4. Repeat the same procedure two more times and complete the table below

|  |  |  |  |
| --- | --- | --- | --- |
|  | I | II | III |
| Final burette reading |  |  |  |
| Initial burette reading |  |  |  |
| Volume used |  |  |  |