**Algorithm**

1. Start
2. Switch on the motor
3. Water will move from reservoir to delivery pipe till delivery valve
4. Open the delivery valve
5. Tank, conduit and pipe will fill simultaneously.
6. Once conduit is filled open outlet valve
7. Ask the flow rate
8. Piezometers will start filling up to a certain height.
9. Height of each piezometer is demonstrated and recorded in the observation table.
10. Close the gate valve
11. fluid starts filling in collecting tank
12. After fluid reaches the opening of measuring tube ask to record initial height and start stop watch.
13. After 30 sec in stop watch stop it. (At this time whole experiment is halted as it is completed).
14. Ask to record final height.
15. Show the observation table where all the data is recorded in the appropriate columns.
16. Stop