The water jug problem for eg. is Fill 4L. water from a 3L,5L,8L jugs.

**Algorithm of Water Jug Problem**

* Fill the lesser capacity jug first.
* Pour it into higher capacity jug.
* Again fill the lower one.
* Pour it into higher one till it reaches the maximum capacity.
* If required empty the higher jug.
* Again repeat all the steps until the required capacity is obtained.