## Artificial intelligence.

you are given two jugs, 4-little one and a 3-litre one.

Neither has any measuring marker on it. There is a pump that

Can be used to fill the jugs with water. How can you get swaty

Can be used to fill the jugs with water using DFS.

2 litres of water into h-litre sing? Implement using DFS.

solution:

Fill the whiter jug and empty it to 3 liter jug and it was fug into it.

NOW a liter jug has all pour aliter of hiterjug into it.

NOW empty 3 liter jug and pour it into 3 liter jug until it

Again fell hater jug and pour it into 3 liter jug until it

becomes full (that is 2 liter).

becomes full (that is 2 liter).

Now be liter jug is left with 2 liters. Which is required

solution.

x > 4 sites
y > 3 sixtes

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