

```
C:\Users\asus\PycharmProjects\trail\venv\Scripts\python.exe "D:/extra/AI lab test 1/liter.py"
```

```
fill 3 liter jug
```

```
pour 3 ltrs from 3 liter jug to 4 liter jug
```

```
fill 3 liter jug
```

```
pour 1 ltrs from 3 liter jug to 4 liter jug
```

```
*****
```

```
fill 4 liter jug
```

```
pour 3 ltrs from 4 liter jug to 3 liter jug
```

```
empty 3 liter jug
```

```
pour 1 ltrs from 4 liter jug to 3 liter jug
```

```
fill 4 liter jug
```

```
pour 2 ltrs from 4 liter jug to 3 liter jug
```

```
*****
```

Minimum number of steps required is 4

Process finished with exit code 0