

```
[Washer housekeeper 0] is working...
[Washer housekeeper 1] is working...
[Dryer housekeeper 2] is working...
[Dryer housekeeper 0] is working...
[Dryer housekeeper 1] is working...
[Washer housekeeper 2] is working...
[Washer/dryer housekeeper 0] is working...
[Washer/dryer housekeeper 1] is working...
[Washer/dryer housekeeper 2] is working...
[Washer housekeeper 0] wants a washer...
[Washer housekeeper 0] has got a washer...
[Washer housekeeper 0] has put laundry in the washer...
[Dryer housekeeper 2] wants a dryer...
[Dryer housekeeper 2] has got a dryer...
[Dryer housekeeper 2] has put laundry in the dryer...
[Washer housekeeper 1] wants a washer...
[Washer housekeeper 1] has got a washer...
[Washer housekeeper 1] has put laundry in the washer...
[Dryer housekeeper 0] wants a dryer...
[Dryer housekeeper 0] has got a dryer...
[Dryer housekeeper 0] has put laundry in the dryer...
[Washer housekeeper 2] wants a washer...
[Washer housekeeper 2] has got a washer...
[Washer housekeeper 2] has put laundry in the washer...
[Dryer housekeeper 1] wants a dryer...
[Dryer housekeeper 1] has got a dryer...
[Dryer housekeeper 1] has put laundry in the dryer...
[Washer housekeeper 0] has taken articles out of the washer...
[Washer housekeeper 0] has finished with the washer...
[Dryer housekeeper 2] has taken articles out of the dryer...
[Washer/dryer housekeeper 1] wants a washer...
[Washer/dryer housekeeper 1] has got a washer...
[Washer housekeeper 0] is working...
[Washer housekeeper 1] has taken articles out of the washer...
[Dryer housekeeper 2] has finished with the dryer...
[Dryer housekeeper 2] is working...
[Dryer housekeeper 0] has taken articles out of the dryer...
[Washer/dryer housekeeper 1] wants a dryer...
[Washer/dryer housekeeper 1] has got a dryer...
[Washer/dryer housekeeper 1] has started using both the washer and dryer...
[Washer housekeeper 2] has taken articles out of the washer...
[Washer housekeeper 1] has finished with the washer...
[Washer housekeeper 1] is working...
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Checking that the output is well-formatted...
    Detected 2 washer housekeepers
    Detected 3 dryer housekeepers
    Detected 4 both washer and dryer housekeepers
Checking that every housekeeper does its required number of operations...
    Every thread does what it needs to do 10 times.
Checking that more washers or dryers haven't been used than available...
    No more washers or dryers are used than are available.
Checking that housekeepers are able to housekeep at the same time...
    Housekeepers can housekeep concurrently.
NO ERRORS DETECTED
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This project was actually pretty fun for my housekeeper I decided to just do 1 big function that had 3 for loops in it to check to see which type is being run. I got the correct result and had a fun time doing it. This assignment was much easier than 3 because we had some kind of foundation to build on for this assignment. The test also gave the correct output with no errors detected.