

```
(pick ball1 room11 left)
(move room11 room22)
(drop ball1 room22 left)
(pick ball6 room22 right)
(move room22 room33)
(drop ball6 room33 right)
(move room33 room12)
(pick ball3 room12 left)
(move room12 room22)
(drop ball3 room22 left)
(move room22 room12)
(pick ball2 room12 left)
(move room12 room22)
(drop ball2 room22 left)
(move room22 room13)
(pick ball4 room13 left)
(move room13 room22)
(drop ball4 room22 left)
(move room22 room21)
(pick ball5 room21 right)
(move room21 room33)
(drop ball5 room33 right)
(move room33 room22)
```