INFO3220 report

Design patterns:

Memento

* Restore the previous data of the game

Prototype:

* Convenient to clone new balls and pockets

Extensions:

Dynamically add balls with random position –press Q

Dynamically remove random balls –press W

Dynamically add pockets with random position –press A

Make balls move –press S

Make pockets move –press E

Undo the balls’ state in the game –press R

Background music

Sound effect:

* Ball breaks
* Press cue ball
* Release cue ball
* Drop balls into pockets
* Add balls
* Remove balls