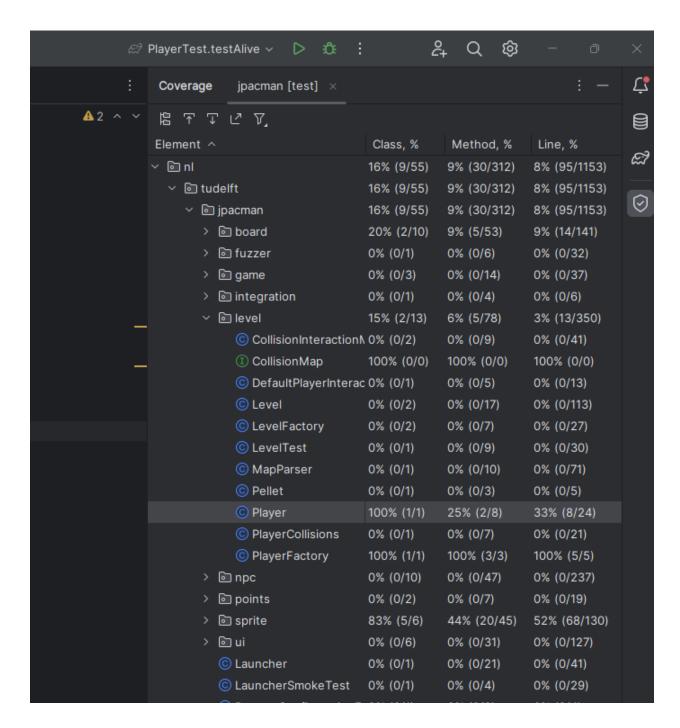
Link to my github repository https://github.com/sonicspeed123/CS472

Element ^	Class, %	Method, %	Line, %
∨	3% (2/55)	1% (5/312)	1% (14/1137)
∨	3% (2/55)	1% (5/312)	1% (14/1137)
✓ ipacman	3% (2/55)	1% (5/312)	1% (14/1137)
> 🖻 board	20% (2/10)	9% (5/53)	9% (14/141)
> 🖻 fuzzer	0% (0/1)	0% (0/6)	0% (0/32)
> 🖻 game	0% (0/3)	0% (0/14)	0% (0/37)
> 🖻 integration	0% (0/1)	0% (0/4)	0% (0/6)
> level	0% (0/13)	0% (0/78)	0% (0/345)
>	0% (0/10)	0% (0/47)	0% (0/237)
> 🖻 points	0% (0/2)	0% (0/7)	0% (0/19)
> 🖻 sprite	0% (0/6)	0% (0/45)	0% (0/119)
>	0% (0/6)	0% (0/31)	0% (0/127)
© Launcher	0% (0/1)	0% (0/21)	0% (0/41)
© LauncherSmokeTest	0% (0/1)	0% (0/4)	0% (0/29)
PacmanConfigurationEx	0% (0/1)	0% (0/2)	0% (0/4)

This is the test coverage at the start of the assignment.

Considering that there are little to no tests covering anything, no, this is not good coverage.



This is coverage after adding assert for the Player class. Notice how the level package has gone up to 15%

This also before adding tests for the GhostFactory class.

Element ^	Class, %	Method, %	Line, %
∨	29% (16/55)	14% (46/312)	11% (133/11
∨	29% (16/55)	14% (46/312)	11% (133/11
∨ ipacman ipac	29% (16/55)	14% (46/312)	11% (133/11
> 🖻 board	20% (2/10)	9% (5/53)	9% (14/141)
> 🖻 fuzzer	0% (0/1)	0% (0/6)	0% (0/32)
> 🖻 game	0% (0/3)	0% (0/14)	0% (0/37)
> 🖻 integration	0% (0/1)	0% (0/4)	0% (0/6)
> 🗟 level	15% (2/13)	6% (5/78)	3% (13/350)
> ⊚ npc	70% (7/10)	31% (15/47)	14% (35/243)
> 🖻 points	0% (0/2)	0% (0/7)	0% (0/19)
> 🗟 sprite	83% (5/6)	46% (21/45)	54% (71/130)
> 🗟 ui	0% (0/6)	0% (0/31)	0% (0/127)
© Launcher	0% (0/1)	0% (0/21)	0% (0/41)
© LauncherSmokeTest	0% (0/1)	0% (0/4)	0% (0/29)
PacmanConfigurationE	0% (0/1)	0% (0/2)	0% (0/4)

✓ log npc	70% (7/10)	31% (15/47)	14% (35/243)
∨	66% (6/9)	32% (14/43)	12% (30/235)
© Blinky	100% (1/1)	50% (2/4)	13% (3/22)
© Clyde	100% (1/1)	50% (2/4)	29% (9/31)
GhostColor	100% (1/1)	100% (1/1)	100% (5/5)
© GhostFactory	100% (1/1)	100% (5/5)	100% (7/7)
© Inky	100% (1/1)	40% (2/5)	9% (3/32)
Navigation	0% (0/2)	0% (0/11)	0% (0/60)
NavigationTest	0% (0/1)	0% (0/9)	0% (0/56)
© Pinky	100% (1/1)	50% (2/4)	13% (3/22)
© Ghost	100% (1/1)	25% (1/4)	62% (5/8)

This is the coverage after adding 4 asserts for ghost creation in the GhostFactory class, note the NPC package now has 70%

Player

Element	Missed Instructions	Cov. \$	Missed Branches	⇔ Cov. ⇒
setAlive(boolean)		61%		50%
getSprite()		76%		50%
getKiller()		0%		n/a
 Player(Map_AnimatedSprite) 		100%		n/a
addPoints(int)		100%		n/a
setKiller(Unit)		100%		n/a
isAlive()		100%		n/a
getScore()		100%		n/a
<pre>public Sprite getSprite if (isAlive()) {</pre>	() {			
	<pre>get(getDirection())</pre>	;		
}				
return deathSprite;				
1				

The results from JaCoCo are similar to the ones in intelliJ because they both give a percentage of how many parts of the code have been tested, with JaCoCo being a little more detailed with the branches.

I think that the visualization from JaCoCo is very helpful for me to better understand just which pieces of code need to be tested.

I think that the report from JaCoCo is better when it comes to the finer details of setting up tests for coverage. It literally shows you what lines of code have/haven't been tested, as well as what code still needs to be looked at.