



















```

[INFO] Tests run: 47, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- jacoco:0.8.7:report (default-cli) @ cardio_generator ---
[INFO] Loading execution data file /Users/raulparau/Desktop/signal_project/target/jacoco.exec
[INFO] Analyzed bundle 'cardio_generator' with 37 classes
[INFO] -----
[INFO] BUILD SUCCESS











```

All my tests are running. The coverage of my tests is shown in the picture below.

### cardio\_generator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.cardio_generator.generators		0 %		0 %	27	27	111	111	18	18	6	6
com.cardio_generator		6 %		7 %	26	29	76	84	13	15	0	1
com.cardio_generator.outputs		1 %		0 %	17	18	59	60	15	16	4	5
com.alerts.Decorator		0 %		0 %	11	11	22	22	10	10	3	3
com.data_management		83 %		77 %	5	35	17	99	2	24	0	5
com.newMainClass		0 %		0 %	4	4	5	5	2	2	1	1
com.alerts		94 %		80 %	3	16	3	42	1	11	0	2
com.alerts.Week3Logic_StrategyPattern		99 %		87 %	10	61	3	140	0	20	0	8
com.alerts.Factory		100 %		n/a	0	11	0	11	0	11	0	6
Total	1.341 of 2.559	47 %	69 of 168	58 %	103	212	296	574	61	127	14	37

### com.data\_management

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
DataStorage		56 %		50 %	3	12	13	30	1	8	0	1
FileDataReader		93 %		83 %	1	5	2	21	0	2	0	1
PatientWebsocketClient		94 %		100 %	1	6	2	22	1	5	0	1
Patient		100 %		100 %	0	7	0	16	0	4	0	1
PatientRecord		100 %		n/a	0	5	0	10	0	5	0	1
Total	62 of 383	83 %	5 of 22	77 %	5	35	17	99	2	24	0	5

You can see that my test cases cover most of the Websockets functions and I finally implemented JUnit tests for the FileReader class. The file reader class was previously the class "ReadData".

All in all I have JUnit tests for each implemented functionality and I cover most of the basic and edge cases.