

Memo for homework #1

All work complete
Most difficulty is Unit test

GitHub

<https://github.com/a4501150>

1. Lines of code

File	Total Lines	Code lines
Ant.java	24	9
AntTest.java	88	59
Bat.java	49	20
BatTest.java	121	81
Creature.java	60	17
CreatureTest.java	105	70
Fly.java	46	20
Flyer.java	14	3
FlyTest.java	119	77
TestCreature.java	104	36
TestCreatureTest.java	59	40
Thing.java	41	13
ThingTest.java	51	23
Tiger.java	26	9
TigerTest.java	93	59

The unit test file are XxxTest.java

2.Coverage





















CS445-HW1 (2016-9-12 1:42:15)

Element	Coverage	Covered Instructions	Missed Instructi...	Total Instructions
src	100.0 %	1,332	0	1,332
(default package)	100.0 %	1,332	0	1,332
Ant.java	100.0 %	16	0	16
AntTest.java	100.0 %	130	0	130
Bat.java	100.0 %	44	0	44
BatTest.java	100.0 %	198	0	198
Creature.java	100.0 %	53	0	53
CreatureTest.java	100.0 %	161	0	161
Fly.java	100.0 %	41	0	41
FlyTest.java	100.0 %	192	0	192
TestCreature.java	100.0 %	132	0	132
TestCreatureTest.java	100.0 %	142	0	142
Thing.java	100.0 %	31	0	31
ThingTest.java	100.0 %	46	0	46
Tiger.java	100.0 %	16	0	16
TigerTest.java	100.0 %	130	0	130

3.Cyclomatic complexity

CS445-HW1 (2016-9-12 0:50:51) > CS445-HW1 > src > default

default

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty
Ant		100%		n/a	0	2
AntTest		100%		n/a	0	8
Bat		100%		100%	0	5
BatTest		100%		n/a	0	10
Creature		100%		100%	0	4
CreatureTest		100%		n/a	0	9
Fly		100%		100%	0	5
FlyTest		100%		n/a	0	9
TestCreature		100%		100%	0	6
TestCreatureTest		100%		100%	0	6
Thing		100%		100%	0	3
ThingTest		100%		n/a	0	4
Tiger		100%		n/a	0	2
TigerTest		100%		n/a	0	8
Total	0 of 1,332	100%	0 of 16	100%	0	81

The column "Cxty" is Cyclomatic complexity for each java class.