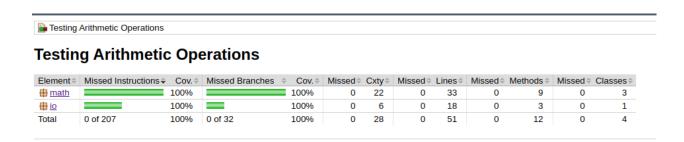
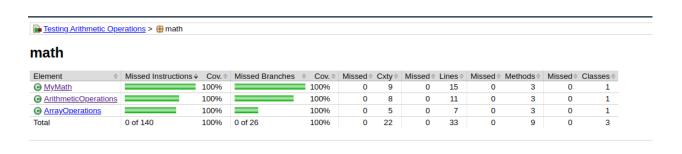
## **Test Coverage of JUnit Testing**

### Math and IO Class Coverage:



#### **Math Class Methods:**





## MyMath

Element	Missed Instructions	Cov. \$	Missed Branches		Missed≑	Cxty \$	Missed \$	Lines	Missed \$	Methods
isPrime(int)		100%		100%	0	4	0	8	0	1
factorial(int)		100%		100%	0	4	0	6	0	1
MyMath()	=	100%		n/a	0	1	0	1	0	1
Total	0 of 56	100%	0 of 12	100%	0	9	0	15	0	3



#### **ArithmeticOperations**

Element	Missed Instructions	Cov. \$	Missed Branches		Missed	Cxty	Missed \$	Lines	Missed \$	Methods
<ul><li>multiply(int, int)</li></ul>		100%		100%	0	5	0	7	0	1
divide(double, double)		100%		100%	0	2	0	3	0	1
ArithmeticOperations()	=	100%		n/a	0	1	0	1	0	1
Total	0 of 43	100%	0 of 10	100%	0	8	0	11	0	3



## **ArrayOperations**

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed≑	Cxty \$	Missed	Lines	Missed	Methods =
<ul><li>findPrimesInFile(FileIO, String, MyMath)</li></ul>		100%		100%	0	3	0	6	0	1
ArrayOperations()	=	100%		n/a	0	1	0	1	0	1
<u>lambda\$findPrimesInFile\$0(Integer)</u>	=	100%		n/a	0	1	0	1	0	1
Total	0 of 41	100%	0 of 4	100%	0	5	0	7	0	3

# **IO Class Methods:**



#### io

Element≑	Missed Instructions	Cov.	Missed Branches		Missed	- Cxty	Missed	Lines	Missed≑	Methods	Missed	Classes	
→ FileIO		100%		100%	0	6	0	18	0	3	0	1	
Total	0 of 67	100%	0 of 6	100%	0	6	0	18	0	3	0	1	

<u>Testing Arithmetic Operations</u> > <u>⊕</u> <u>io</u> > <u>⊕</u> FileIO

#### FileIO

<ul> <li>readFile(String)</li> </ul>					
• read lie(Stillg)	100%	100%	0 4	0 17	0 1
<u>FileIO()</u>	100%	n/a	0 1	0 1	0 1
<u>lambda\$readFile\$0(Integer)</u>	100%	n/a	0 1	0 1	0 1
Total 0 of 67	100%	0 of 6 100%	0 6	0 18	0 3