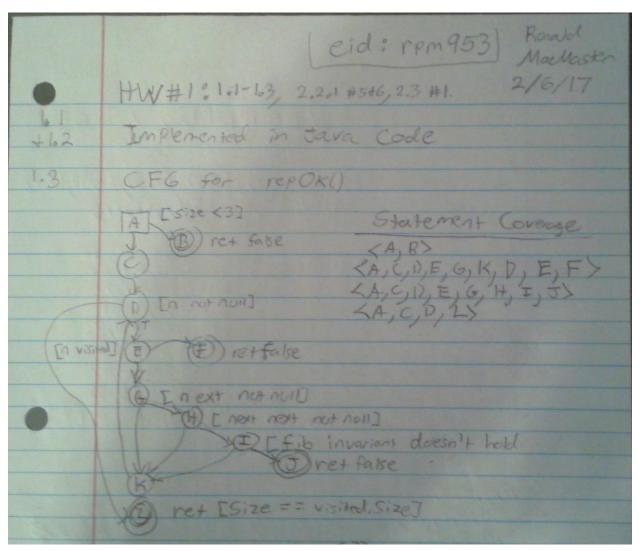
**EID: rpm953** 

### **Software Testing HW 1**

## Sections 1.1, 1.2, and 1.3:

1.1, 1.2 and 1.3 are implemented in the .java files.

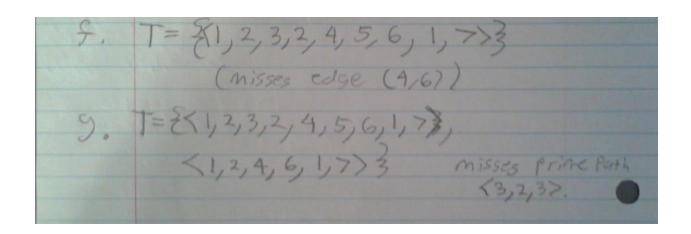


Section 2.2.1

Question #5: a-e on this page. f & g on next page.

20201 5. Q.	(1) = Visit path p. b. \{1,2,3\}, \{1,2,4\}, \{2,3,2\}, \{2,4,5\}, \\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	C. Nope, test requirements  (3,2,3> and (6,1,2) are  not satisfied.
•	d. There is a Side tripo (9,6,1,2,4).  (9)  (9)  (9)  (9)  (9)  (9)

e	node coverage: {\forage(1,7), visit n}
5	edge coverage: {visit: (1,2), (1,7), (2,3), (2,4), (3,2), (4,5), (4,6), (5,6), (6,1)}
prime	Prine Paths  1 1,2 1,2,3 1,2,3,2 x 1,2,4,5,6 1,2,4,5,6,1,2 x  2 1,3,1 2,4 1,2,4,6 2,4,5,6,1 2,4,5,6,1,7!  7 2,4 2,4,5,6 2,4,6,1,2x 2,2,4,5,6,1  4 3,2 2,4,6 2,4,6,1,2x 2,2,4,5,6,1  5 4,6 3,2,4 3,2,4,5 3,2,4,6,1 2,4,6,1,2,3  6 5,6 4,5,6 3,2,4,6 3,2,4,6,1 4,5,6,1,2,4  7! 6,1 4,6,1 4,6,1,2 4,5,6,1,2 5,6,1,2,4  7! 6,1 4,6,1 4,6,1,2 4,5,6,1,2 5,6,1,2,4  7! 6,1 4,6,1 4,6,1,2 4,5,6,1,2 5,6,1,2,4,5  5,6,1 4,6,1,2,3 3,2,4,5,6,1,2,3
Porth care	3,2,4,5,6,1,7) <1,2,4,5,6,1) <2,4,5,6,1,2) 3,2,4,6,1,7) <4,5,6,1) <2,4,5,6,1,2,4,5,6,1,2,4,5,5,1,2) 1,2,4,6,1,7) <4,5,6,1,2,4,5,6,1,2,4,5,5,1,2,4,5,5,1,2,4,5,5,1,2,3,2,3,2,3,2,3,2,3,2,3,2,3,2,3,2,3,2



# **Question #6:**

2020 1 00 000 000 000	Ne will abreviate  No, 11,, 19  as 0, 1, 2, 9  respectively.  8 is a final noofe
09. 63 68	edge, treat it
edge Coverage: { Visit: (0, 1, 2, 3, 4) edge Coverage: { Visit: (0,3), (0,4), (1, 1), (4,8), (4,7), (4,8),	(4), (2,5), (2,6), (6,9)3 (5,1), (5,9) (8,5)
Prime Paths: 2 0,4 0,4,7! 2,5,1,4,8,5 × 1,4,8,	Prime Path Caerage  \$ \( 8,5,1,4,8\) \( 8,5,14,7\)  \( 5,1,4,8,5\) \( 2,5,1,4,8\)  \( 2,5,1,4,7\) \( 1,4,8,5,1\)  \( 4,8,5,1,4,7\)  \( 1,4,8,5,1,7\)  \( 1,4,8,1
415,91 7,0,91 0,4,8,5,91 8,5,91 1,4,8,5,1X 8,5,91 1,4,8,5,1X 8,5,1 1,4,8,5,1X 2,5,1,4,7! 2,5,1,4,8! 1) 7= {<0,3,7}, (1,4,8! 1) 7= {<0,3,7}, (1,4,8!	(2,6,9)3
SKIPS (0,4) and (4,7)  OC) T= {(0,3,7), (0,4,7), (2,5)  Skips the simple loop; (8,5)	

#### Section 2.3

## **Question #1:**

