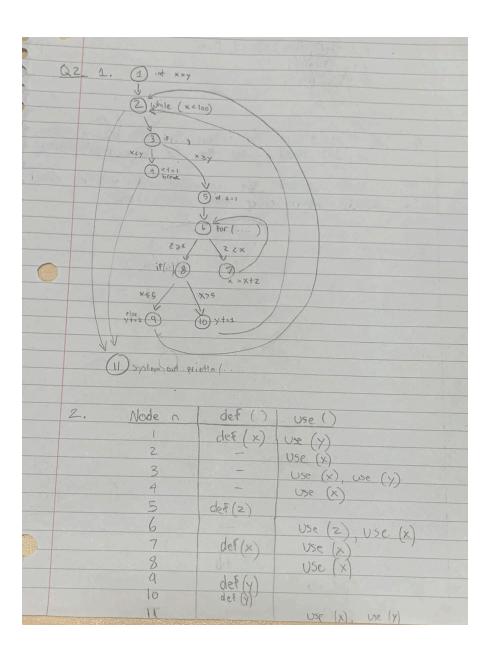


Faculty of Engineering, Architecture and Science Department of Electrical and Computer Engineering Laboratory Report Cover Page

| Course Number | COE891 | COE891 | | | |
|-------------------------|---------------------|-----------------------|--|--|--|
| Course Title | Software Testing 8 | Software Testing & QA | | | |
| Semester/Year | Winter 2023 | Winter 2023 | | | |
| Instructor | tructor Reza Semavi | | | | |
| TA Name | Hamed Karimi | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Lab/Tutorial Report No. | 7 | | | | |
| | | | | | |
| Section No. | 012 | | | | |
| Group No. | N/A | | | | |
| Submission Date | Mar 27th, 2023 | Mar 27th, 2023 | | | |
| Due Date | Mar 27th, 2023 | | | | |
| | | | | | |
| Student Name | Student ID | Signature | | | |
| Hamza Iqbal | 500973673 | H.I | | | |

| 05 | COE 891 Lab 7 | Report |
|------|---|---|
| 05 | a 1. P= a 1 (7bvc) | TALL |
| | a b c ¬ b ¬ b v c I F F F T T 2 F F T T 3 F T F F 9 F T T F 6 T F T T 7 T T F F 8 T T T F F 8 T T T F F 7 T T F F 8 T T T F F 8 T T T F F 1 | P is also true b = true, and (= False. |
| 2 | when $(a = T, (= T))$ all other cases are false (\rightarrow) P | TICS TIDE ONLY |
| 3 | is c is true then p imp (a=T, b=F) and (a=T) | lies true only when b=T). |
| 3. 6 | Clause Possible tests a $(1,5)(1,7)(1,8)(3,5)(3,7)$ b $(2,4)$ C $(1,2)$ |),(5,8),(4,5),(4,7) |

| CACC |
|--|
| Clause Possible Tests Clause (1,5) (1,7), (1,8), (3,5), (3,7), (3,8), (4,5), (4,7) b (2,4) c (1,2) |
| RACC |
| (lause Possible Tests a (1,5) (3,7) (9,8) b (2,4) c (1,2) |
| GICC |
| Clause Possible Tests a No feasible pais $P=F:(2,6)$ b $P=T:(1,3)$ $P=F:(5,7),(5,8),(6,7),$ c $P=T:(3,4)$ $P=F:(5,6),(5,8),(7,6),(7,8)$ |
| ZICC . |
| ause set of possible tests a No feasible pairs for $P=T$ $P=F:(2,6)$ b $P=T:(1,3)$ $P=F:(5,7)(6,8)$ $P=T:(3,4)$ $P=F:(5,6)(7,8)$ |



| 3. X: | (1,2), $(1,4)$, $(1,3)$, $(1,4)(3,6)$, $(6,7)$ | 000000 |
|-----------------|---|--------|
| | -6-80 is an infeasible path blow if x=0, will never enter the for loop. Additionally, | |
| 5. ADC Test 2 3 | test sets $y = 0$ $y = 1$ $y = 2$ | |
| Test 1 2 7. All | Test set $y=0, x=1$ $y=1, x=1$ $du paths (overage:$ | |
| | 2 | - |

| 0.3. 1. B | | | Both | lines | 6 | 89 | how | e teal | hability |
|--------------|----------|---|--|---------|---|--|---------|---------|------------------------------|
| | | | | | | | | | |
| 2. | 1 2 3 | TR 5,60,0, 5,20,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0 | 30,632 | 5,=0, | cases 5,=0,: , 5,=4, , S ₂ =6 | S3 = 7 | | isty PC | EXP (INVAL: SCALE EQUILI |
| | 5 3, 13, | TR 33, 52 = 52 | 1, 17, 52 | 5, = 3 | (ases 52=3, 52=5, 52=-1 | 5 ₃ = 5 5 ₃ = (| | disty (| ISOSLE SCALE INVA |
| 4. | | -ine | | | = 52) 8 | | // | 1==53 |) |
| 5. | | | $S_{1} = S_{1} = S_{1$ | 4, 45 | $b_2 = 4$ $b_2 = 6$ $c = 7$ | 1 5, | = 4 = 2 | 7 01 | quilater |
| 0. | There | ale | 00 | inteasi | ble reg | virement | 5 | | |