**Logo

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**Lab Exercise 5**

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**Matric No:** A20EC0021

**Section:** 08

QUESTION 1

Text, letter

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1. TRUE
2. FALSE
3. TRUE
4. TRUE
5. TRUE

QUESTION 2

Text, letter

Description automatically generated

1. INCORRECT
2. INCORRECT
3. CORRECT
4. CORRECT
5. CORRECT

QUESTION 3

Text, letter

Description automatically generated

QUESTION 4 Diagram

Description automatically generated

a.) int num;

bool range;

range = (num > -x && num < +x) ? true : false;

b.) char letter;

bool lowercase;

lowercase = ( letter == a) ? true : false;

c.) num ch;

bool isDigit;

isDigit = (ch >= 0 || ch <= 9) ? true : false;

d.) char ch;

bool mathOp;

mathOp = (ch == ‘+’ || ch == ‘-‘ || ch == ‘\*’ || ch == ‘/’ || ch == ‘%’) ? true : false;