



DEPARTMENT OF INFORMATION TECHNOLOGY

ASSIGNMENT COVER PAGE

Please fill in all the required details for your assignment to be accepted.

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Student's Matric No	LUC/FOCSAM/ADM/082		
Year/Semester	4 ND Semester		
Program	Computer software engineering		
Subject Name / Subject Code	Cse202		
Lecturer's Name	Mrs.Micheal		
Assignment Title	Java Data type		
No. of Page (excluding this page)	1		
Required words	NONE	Actual # of words	--
Soft copy included	Yes <input checked="" type="checkbox"/>	/	No <input type="checkbox"/>

DECLARATION BY STUDENTS:

I certify that this assignment is my own work in my own words. All resources have been acknowledged and the content has not been previously submitted for assessment to LINCOLN or elsewhere. I also confirm that I have kept a copy of this assignment.

Signed:  _____

Date: 8/2/22

Primitive DataTypes

1. **Byte:** This can be used to store whole numbers. But with this, memory is being saved.

Range: -128 to 127.

short num = 100;

2. **Shorts:** This datatype stores whole number this is larger than byte.

Range: -32768 to 32767

short num = 10000;

3. **Int:** The int data type is a regular data type used, it stores whole numbers larger than shorts.

Range: -2147483648 to 2147483647

short num = 10000;

4. **Long:** This is used to store whole numbers and its the largest of them all.

long num = 10000;

5. **Float:** This is used to store values of decimal or fractional numbers. It only stores data upto 4 bytes(32bit).

float num = 5.32f;

6. **Double:** This is used to store values of decimal or fractional numbers. It only stores data upto 8 bytes(64bit).

double db = 5.32d;

7. **Booleans:** It is the data type that only accepts two condition which are: 'true' or 'false'.

boolean cond = true;

8. **Character:** They are used to store single value e.g 'a', 'd'.

char item = 'o';

9. **String:** They are used to store a sequence of character.

String name = "wow";