# **Java Group 6 Groupwork**

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**Question J1**

int score = 95;

double gpa = 3.85;

boolean isLoggedIn = false;

String username = "john\_doe";

**Question J2**

1. long
2. char
3. boolean
4. double

**Question J3**

1. result = 3.3333333333333335
2. result = 45
3. result = 65

**Question J4**

Primitive data types like int and double store simple values directly in memory while reference data types store a memory address that points to the actual object stored.

**Question J5**

After += : 20

After /= : 5

After ++ : 6

After %= : 0

**Question J6**

Result: true

Result2: true

Result3: false

Result4: true

**Question j7**

Answer = 15

**Question J8**

An expression in Java is a combination of variables, literals, operators, and method calls that produces a single value.

**Example (integer expression):**

int result = 7 + 3 \* 2; // equals to 13

**Example (boolean expression):**

boolean check = (5 > 3) && (2 < 4); // produces to true