Credit Name:

CSE 2110 Procedural Programming 1

Assignment Name:

PythagoreanTriple Application (Chapter 6)

Error Log

What error message did you encounter (if any)?

"Exception in thread "main" java.lang.Error: Unresolved compilation problem:
    sumOfsquares cannot be resolved to a variable

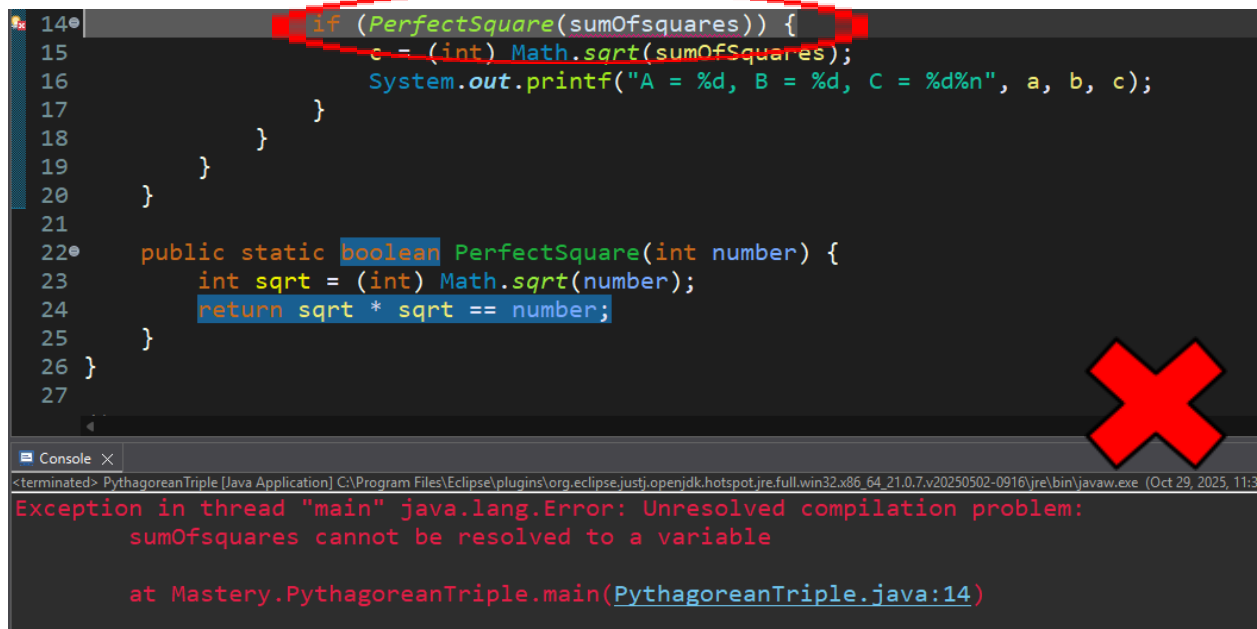   at Mastery.PythagoreanTriple.main(PythagoreanTriple.java:14)"

What unexpected behavior did your program exhibit?

It did not run the program and produced an error message

What caused the issue?

"sumOfsquares cannot be resolved to a variable." The variable 'sumOfSquares was spelled incorrectly and it was not recognized in the program

Include a screenshot of specific lines of code.

How did you fix the issue?

Changed the spelling of sumOfsquares to sumOfSquares so the program recognizes it as a variable

```
13              int sumOfSquares = a * a + b * b;
14•             if (PerfectSquare(sumOfSquares)) {
15                  c = (int) Math.sqrt(sumOfSquares);
16                  System.out.printf("A = %d, B = %d, C = %d%n", a, b, c);
17              }
18          }
19      }
20   }
21 |
22•   public static boolean PerfectSquare(int number) {
23        int sqrt = (int) Math.sqrt(number);
24        return sqrt * sqrt == number;
25   }
26 }
27
```

Console ✕

minated> PythagoreanTriple [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.   ₀2-0916\jre\bin\javaw.exe (Oc
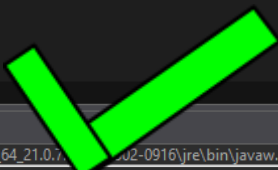
```
thagorean Triples (A and B less than 100):
_____

= 3, B = 4, C = 5
= 4, B = 3, C = 5
= 5, B = 12, C = 13
= 6, B = 8, C = 10
```