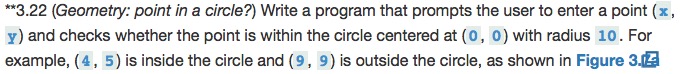
**Writing code in IntelliJ to finish the following Programming Exercises in textbook.**

**To receive full-mark of the lab, please show me your code and running results.**

1. **Exercise 3.22**

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**A close up of a logo

Description automatically generated**

1. **Exercise 4.1**

**A screenshot of a social media post

Description automatically generated**

1. **Exercise 5.44**

**A screenshot of a cell phone

Description automatically generated**

**(You can assume the short integer is non-negative)**