Issued: 2022-01-02

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THIS CERTIFICATE IS AWARDED TO

Abdalrahman Mohammed

For successfully completing the following course on Pirple.com:

Fundamentals of Java

TOPICS COVERED:

Data types: Integers, floating point numbers, math functions, characters and strings. Control Flow: If statements, complex conditionals, switch statements, while loops, do-while loops, and for-loops. Data Structures: Arrays, multidimensional arrays, array lists, and maps. Basic and advanced functions. OOP: Classes and objects, constructors, inheritance, and abstract classes. Libraries: Date and time, advanced strings, exceptions. I/O: Reading data, writing data, and serializing classes. GUI Development: Swing GUIs, visual editing, and event handling. XML: Reading, parsing and writing XML.

