

Exam Date: 30-NOV-2024

Registration: afa10781-bb78-43b8-83f3-dde6061e607a

Your Score: 68%

Passing Score: 68%

Result: Pass

Feedback on your performance is printed below. The report lists the objectives for which you answered a question incorrectly.

Compile Java code, create modular and non-modular jars, runtime images, and implement migration to modules using unnamed and automatic modules.

Create arrays, List, Set, Map and Deque collections, and add, remove, update, retrieve and sort their elements.

Create both platform and virtual threads. Use both Runnable and Callable objects, manage the thread lifecycle, and use different Executor services and concurrent API to run tasks.

Create classes and records, and define and use instance and static fields and methods, constructors, and instance and static initializers.

Create program flow control constructs including if/else, switch statements and expressions, loops, and break and continue statements.

Declare and instantiate Java objects including nested class objects, and explain the object life-cycle including creation, reassigning references, and garbage collection.

Develop thread-safe code, using locking mechanisms and concurrent API.

Handle exceptions using try/catch/finally, try-with-resources, and multi-catch blocks, including custom exceptions.

Implement localization using locales and resource bundles. Parse and format messages, dates, times, and numbers, including currency and percentage values.

Process Java collections concurrently and utilize parallel streams.

Serialize and de-serialize Java objects.

Understand variable scopes, apply encapsulation, and create immutable objects. Use local variable type inference.

Use Java object and primitive Streams, including lambda expressions implementing functional interfaces, to create, filter, transform, process, and sort data.

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