Setting Up a Gradle Project

1. Open the command prompt.

2. Check the Java installation by running:

   ```
   #java --version
   ```

3. Check if Gradle is installed:

   ```
   #gradle --version
   ```

4. Close the command prompt.

5. Create a folder named **GradleProject**.

6. Open the **GradleProject** folder.

7. Copy the folder's path.

8. In the file explorer's address bar, type `cmd` and press **Enter**.

9. A command prompt will open in the selected folder path.

10. Run the following command to initialize (create) the project:

    ```
    # gradle init
    ```

11. When prompted, select the **Application** project type.

12. Select **Java** as the project language.

13. Enter the target Java version (minimum: 7, default: 21). Example:

    17

14. Set the project name (default: **Gradle Project**). Example:

    GradleApp

15. Choose the application structure:

    1: Single application project

    2: Application and library project

16. Select **1** for a single application project.

17. Select **1** to use **Groovy** for the build script.

    1. Select Test framework as **JUNIT4**
    2. Generate build using Api Click on NO

18. Choose **No** when asked about additional configuration.

19. Once setup is complete, you will see a confirmation message indicating that the project was created successfully.

20. Open the folder to verify that Gradle has generated the project structure.

21. To check the available executable tasks, run:

   # gradle tasks

22. To create a Gradle wrapper, execute:

   # gradlew.bat

23. To compile, test, and package the project into a JAR file, run:

   # gradle build

Check the Build file Generated in the folder

24. *You have successfully created a Gradle project using the command-line interface (CLI).*