Please find attached zip files which contain:

* 1 Department Table Data Structure.sql
* 1 Employees Table Data Structure.sql
* 2 Populate data into Departments Table.sql
* 2 Populate data into Employees Table.sql
* 3 Inser\_New\_Employee\_Call procedure.sql :
* increase\_salary\_Call\_Procedure.sql
* 5 Change\_Emp\_Dept\_procedure.sql
* 6 Emp\_salary\_ Call Function.sql :
* EXCEPTIONSPACK.pls
* PACKAGE\_EMP\_DEPT.pls
* PACKAGE\_EMP\_DEPT\_Body.pls
* Report\_allEmployees\_for \_ a\_department.xml
* Report\_totalof\_employee\_salary\_for\_a\_department.xml
* Test cases.xlsx

I believe I can do better than this. I used pl/sql only in the university but never got a chance to use it commercially. If I get an opportunity in LDMS, I will do more hard work to get a better coding standard and results than what I achieved on this task.

To solve the test, I used Oracle 19C and Oracle SQL Developer on windows 10.The Oracle coding challenge is solved by using Package.

'Package' is a group of variables and subprograms. I chose the Package to solve the technical test due to the following strong features of the package:

* Easy to compile data.
* Security and maintainability
* better performance
* Organise all at one place

I have done manual testing. I am aware of Utplsql tool for testing. But it is a new tool for me to write automated test cases. If I have more time, I will do my testing in the Utplsql environment.

I hope I solved the coding challenge correctly and met your all required expectations to progress further in the selection process.

I am looking forward to hearing back from you.