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Foundations of Databases & SQL Programming

Assignment06

Module 6: Assignment

# Introduction

In this document, I will answer the questions from Assignment06 regarding creating the view, utilizing functions, and stored procedure.

# Content

1. Explain when you would use a SQL View.

There are few benefits of using view than table directly, including simplicity, security, redundancy, calculation, and meaningful name. For security, views can hide complex queries, which would help reduce security risks by preventing unnecessary changes.

1. Explain are the differences and similarities between a View, Function, and Stored Procedure.

A view represents a virtual table. For example, joining multiple tables in a view and use it to present data as if the data were coming from a single table. A stored procedure uses parameters to do a function whether it is updating, inserting or returning single values or dataset.

# Summary

In this Module, I answered all the questions, including information creating the views with joining multiple tables. It is kind of fun to do these, I can recognize the benefit of it.