Semester I 2024/2025

Subject	:	**SECD2523 Database**
Task	:	**Assignment 1**
Title	:	**Topic 3 – Relational Algebra – Assignment 1**
Due	:	28/10/2024
Submission	:	Submit softcopy (in .pdf format) via e-learning

Note: All answers should be printed on and uploaded via link specified in e-learning.

Question 1: Describe the result of the relational algebra expression:

1. ΠhotelNo (σprice > 50 (Room))

2. σ Hotel.hotelNo = Room.hotelNo(Hotel X Room)

Question 2: Write the relational algebra expression for the following statements:

1. List all hotels.

2. List all single rooms with a price below RM200 per night.

3. List the names and cities of all guests.