Hala Raslan dBX125 : HW #1

**1. Database systems are used to manage collections of data that:**

(a). are highly valuable

(b). are relatively large

(c). are accessed by multiple users

(d). all of the above

Answer: (D) all of the above

**2. Which of the following 2 modes in which databases are used?**

(a). online transaction processing and data analytics

(b). data analytics and query mode

(c). online transaction and SQL analytics

(d). none of the above

Answer: (a) online transaction processing and data analytics

**3. In terms of data abstraction, which level describes how the data are actually stored?**

(a). physical level

(b). logical level

(c). view level

(d). standard level

Answer: (a) physical level

**4. what is the most widely used query language?**

(a). Python

(b). SQL

(c). Swift

(d). C++

Answer: (b) SQL

**5. What does the query evaluation engine do?**

(a). interprets DDL statements and records

(b). executes low level instructions

(c). translates DML statements in a query language into an evaluation plan

(d). Controls the interaction among the concurrent transactions to ensure the consistency of the database.

Answer: (b) executes low level instructions