DAB203 Assignment#1

Marks: 10

Q1. Explain with an example the Atomicity property of a transaction.   2.5

Q2. Consider set **A={0,1,2,3,4,5,6,7,8,9}**, and construct set **B** from **your student ID** as shown below:
Step 1: Only consider numbers, not alphabet.
Step 2: Consider repeating numbers only once.
Step 3: Sort the numbers in Ascending order.

Example: Student ID: A0131262
Step 1: 0131262
Step 2: 01326
Step 3: 01236
*Hence, **B= {0,1,2,3,6}***

Answer Q2(i) to Q2(iv).   1x5=5

Q2(i)   Show your set **B**. [**Pls understand wrong answer to this question will result in a zero for Q2**]

Q2(ii)   Show **A UNION B** .

Q2(iii)   Show **A UNION ALL B** .

Q2(iv)   Show **A INTERCEPT B** .

Q2(v)   Show **A EXCEPT B** .

Q3.   With an example, show the difference between FULL JOIN and CROSS JOIN.   2.5

---

1. **Your submitted document must have your <u>Student ID</u> and <u>Name</u> on it. Otherwise, it will result in Zero for this assignment.**
2. **Submit .pdf document.**