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| Faculty of Computer & Information Sciences  Ain Shams University  Subject: DBA 271 File Organization  Year: (2nd year)undergraduate  Academic year: 2nd term 2019-2020 |  |

**Research Topic (6)**

**Title: Database Indexes**

**تحذير هام: علي الطالب عدم كتابة اسمه أو كتابة اي شيء يدل علي شخصيته**

**1. Different Types of Database Indexes:**

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**2. Comparison Between Index Types:**

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**3. Clustered vs. Non-Clustered Indexes:**

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**4. Implementation:**

In this section add a description of your implementation, you can add screen shots if needed.

**5. Test Cases:**

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| --- | --- | --- | --- |
| Test Case | No of records in data | No of comparisons made to search for a record | |
| Search using ID | Search using City |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

**6. Conclusions**

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**References:**

[1]……………………………………………………………………………

[2]……………………………………………………………………………

[3]……………………………………………………………………………

[4]……………………………………………………………………………

[5]……………………………………………………………………………

[at least 5 references]

With My Best Regards,   
your signature