

**Internal Assessment- DBT-A-1-assignment**

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**Course Name:** DAC

**Batch :** Sep 2021

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**Module Name:** Database Technologies

**Max. Marks:** 10

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**DBT-A-1-assignment**

1. You have already imported **shopping.sql** on your machine. You have to solve following queries on same database.
2. **Each correct query with correct output contain 1 Mark**
3. While evaluation, you will receive zoom call from evaluator for cross verification. Evaluator will ask random questions from your completed assignment

**Queries**

1. Find number of customers in each city.
2. Find number of pending and number of delivered orders whose total amount is more than 100.
3. Display top 3 products that produce highest revenue (quantity \* rate).
4. Find total number of orders by customer John, Mac and Donald.
5. Mark last order of John as Delivered.
6. Display the customer name and their total order amount where order status is delivered and total is more than 300
7. Update the last order of Adam from Pending to dispatch and then dispatch to Delivered (in two different queries).
8. Display pins and cities of all customers whose name start and end with a vowel (a, e, i, o, u).
9. Display cities, number of orders and total amount of orders from cities in asc order of city name.
10. Print total order amount from each city in descending order of amount.

### Steps to solve assignments

1. Create new project on GitLab with name “**InternalExam**” under sub group of current module.
2. Clone “**InternalExam**” Project on your local machine.
3. Create one text file named “**Name\_RollNo\_Group\_DBT.txt**”, in your local machine folder which is cloned now.
4. Copy paste all 10 query Questions in above file and save it.
5. After successful execution of each query on your machine , copy the query solution along with its output and paste below the respective question query. And **commit** after every query solutions. **(e.g There should be 10 commits for 10 questions)**
6. Push your assignment work to repository before given **Deadline**.

### **Submission guidelines for Sunbeam LMS (Moodle):**

1. After successful completion. Keep following three things ready.

**##Start of Submission Template-----**

**InternalExam GitLab repository (link):** *your link here*

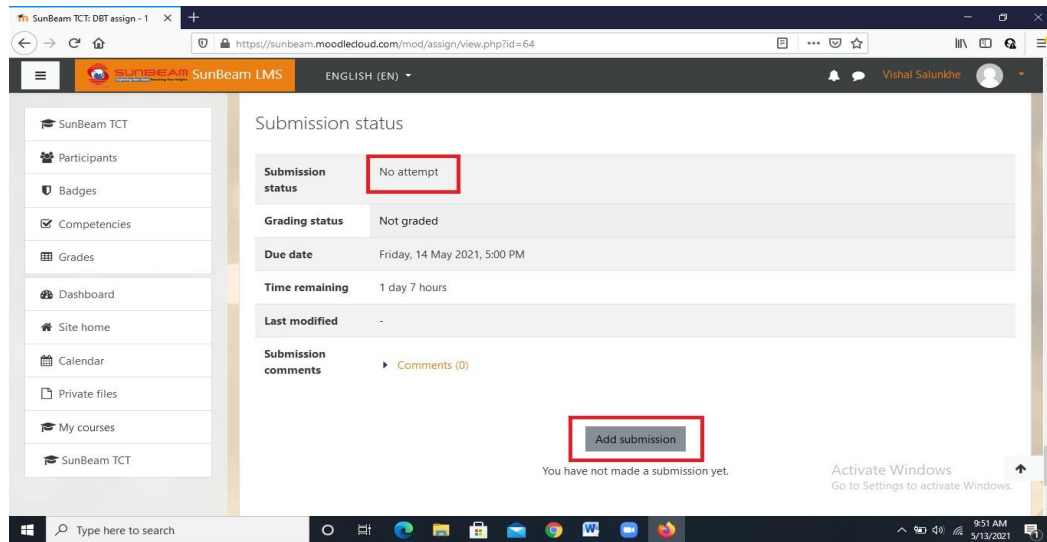
**Submission Commit SHA:** *last commit ID here*

Sr No	Question	Self-Declaration (Completed/Not Completed/ Partial Completed)
1	Query 1	
2	Query 2	
3	Query 3	
4	Query 4	
5	Query 5	
6	Query 6	
7	Query 7	
8	Query 8	
9	Query 9	
10	Query 10	

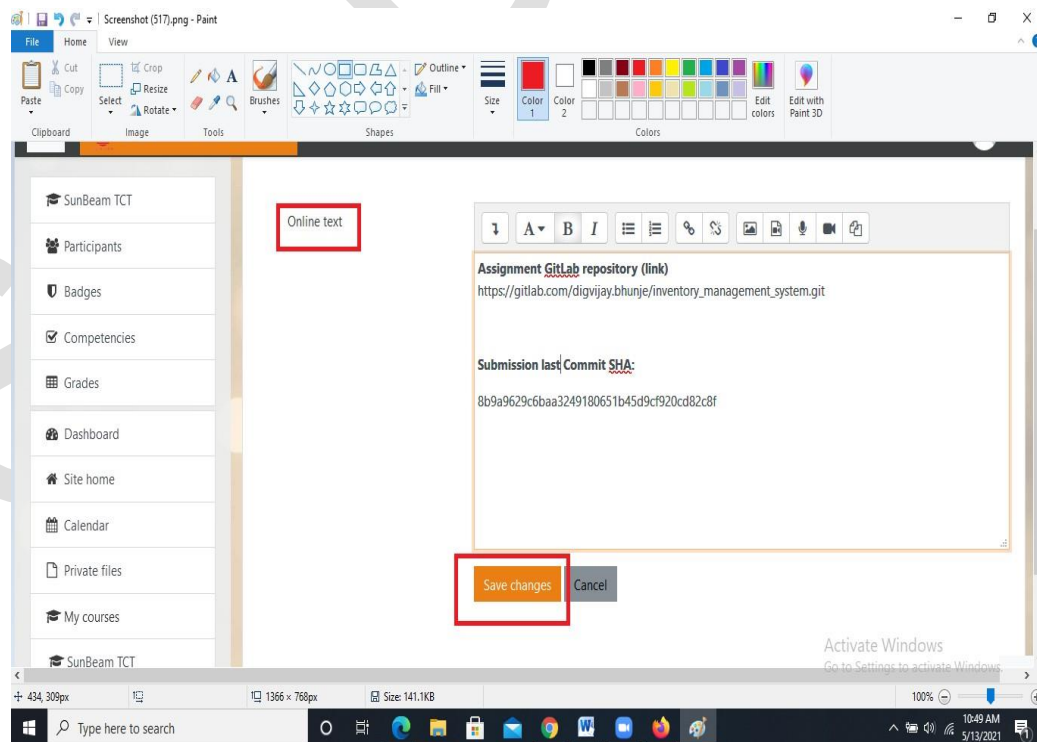
(Create this table and fill as per your completion status before submitting.)

**##End of Submission Template-----**

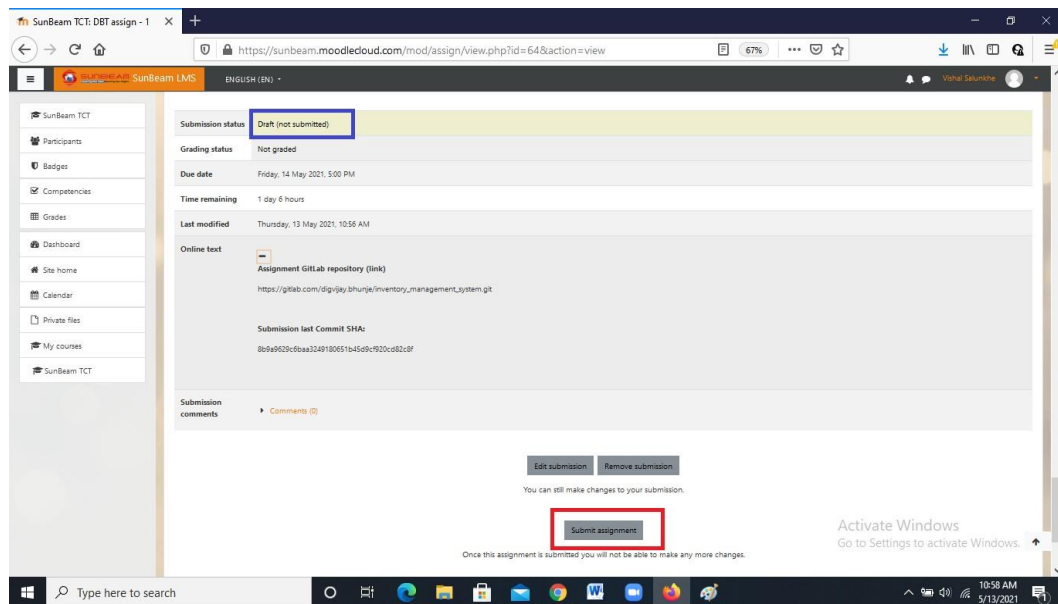
2. Click on **Add Submission** Button to Start submission,



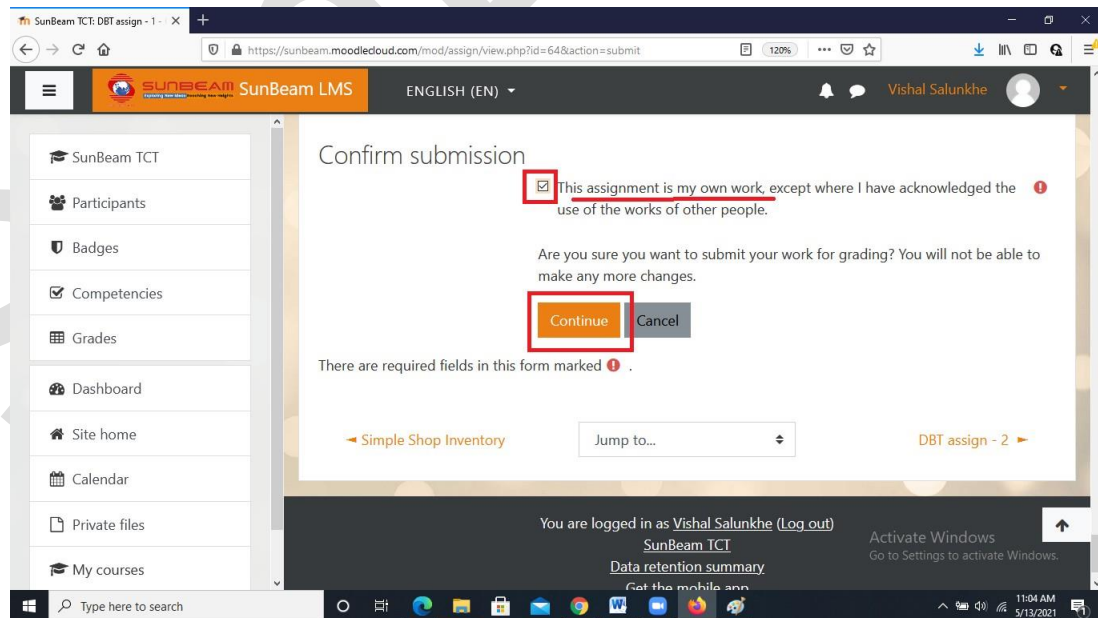
3. Following page will appear, Copy contents between “Start of Submission Template” & “End of Submission Template” And paste in “Online Text” area which appears after Clicking On “Add Submission” button.



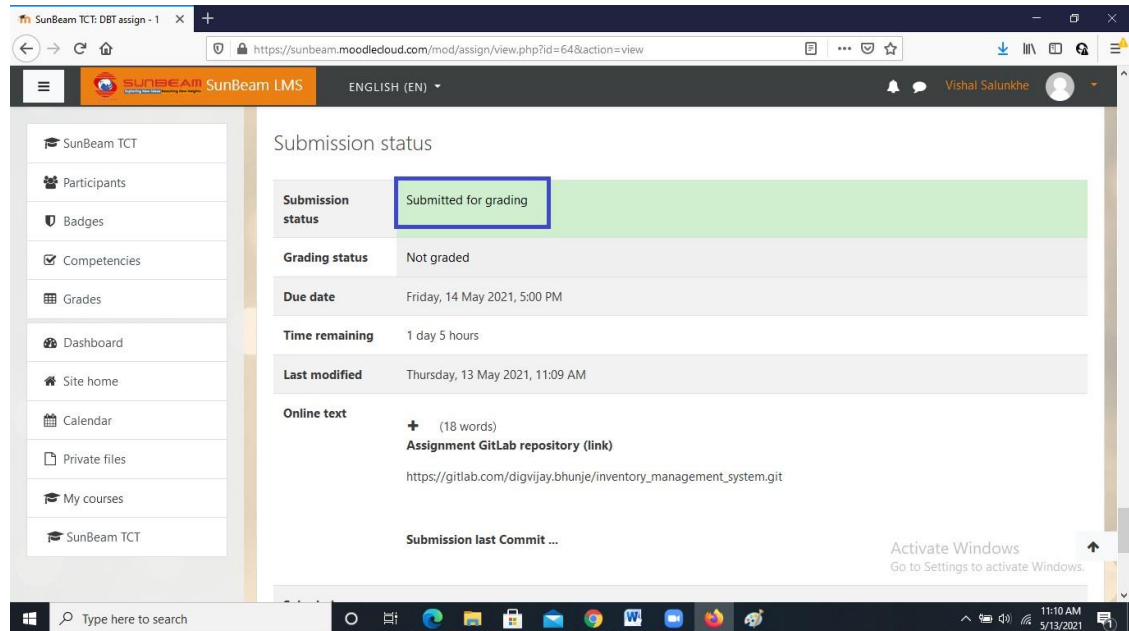
4. After that You need to click on “**Submit Assignment**”



5. After That You need to accept & confirm the declaration that the assignment work is your work only. Click on “**Continue**” for Final Submission.



6. After Final Submission, This page will appeared.



7. Your assignment MUST show a status of "Submitted for grading" before it will be marked.
8. If your submission shows a status of "Draft (not submitted)" it will not be assessed.

**Deadline for Task: -**  
**Date: Sunday 17th Oct 2021 at 5 PM**