Ingelier in dispelle is the fact of the comment for all the state of the state of Bright to march hallman to be south output hour a Eddy of imprimed " " and View Top students " below to a lase of Egila Low will be 177 + Brown 1099 Fire FR 40 377 190 student-10 - Name Lyman Marks Alice 101 91/2 3 105 Rohumst woods & TAGTU 108 menas snehas 285 711/4/04/00 The rollages invoiced) with they beginners " I Lower S. Dangeleib. 1044

Task-7'- Trigger Siviews and Exceptions

To understand and implement Triggers views and Exception Handling for performing and managing crup (create recad rupdate redete) oper-alion in an oracle database

Past: Implement Trisses

1. Prevent Insertion of underase students ergate TABLE Students (

Students 10 Number PRIMARY 1764,

NAME VARCHAR (50)

Age Number

Deportment VARCHAR (50), MARKS Number

13;

age_students

BEFORG INSERT ON STUDENTS FOR GACH ROW

BEUIN

if New. Age 218 THCD

RAISE -APPLICATION-GRRORG 2000!, 'Age.
must be 18 (01) above!);

ENDIT;

END !

and the beautiful and the second the second in my in James of present cartifaction. Depastment Total-Students Average mayles CSE III Jem 1000 ECE 1 (H2/ 1:42M1:49 1 20 DLG 01 -1 9.00.00 (62) 7 Ail 19 21 11 19 a done of the 1693)9642450 Farabogas I SHILL CHAMP. 11 - 1-20 119 JJIN 1197 JJAJ9JA 40 ... 27 109 Line the Sir was passage in the car 8-8 8 90 1 "

on my and a more than the good of the

CREATE a log Table

CREATE TABLE Student Log(

10910. NUMBER PRIMARYKET,

Student 10 Number,

ACTION Type VARCHAR(20),

Action Pate TIME STAMP DEFAULT SYSTEM

9MATE

A assay Tel Carl Base A

Part -2'- Ereating vicus

10 view for Top stutdents

CREATE OR REPLACE VIEW VIEW-TOP Student AS

SELECT Student 10, Name, Maxles

FROM Students

WHERE Marles>80

2-View for Department summary

CREATE OR REPLACE VIEW view Department Summary AS

SELECT

Department

count(*) AS Total students,

ROUND(AVGCMARD), 2) AS AVEXAGE MANS

FROM STUDENTS

GROUP BY Department

with good in strip output i-21. 15 mg 22.838 322.30 . I don't It hashide Logio - Student-10 . O Pexabión Times lof 1 Insest, 13-266-5052-18=08=0 savir pritaris - - tool throoting got sit willed IN LANGUAGE THE MANY ON YOUR SHAMPS TO BELLEVIOLE I dead mour all dispute 12 wie the winds my 0852 HOM 29 MCU Mariana terrahagas sai como s

Matter Arry 100 - 1 1 2 - 1 2 2 3 1 2 - 1 1 1 2 1 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5

1 margarit

```
base-3: Pxceb Pion Handling
  1. stored procedure with Exception Handling
 by Inserting student Records
    CREATE OR REPLACE PROCEDURE INSERT STUDENT (
      P-student 10 IN NUMBER 1
      P_Nome IN VARCHAR 21
       P-Age IN NUMBER,
       P-Department IN VARCHARZ,
       P-Marles IN NUMBER
      BEGIN
        Insert INTO STUDENTS (Student 10, Name (AgCIDepartur
mars) VALLES (P-StudentID, P-Name, P-Age, 1p-Departmet
    P-Marles);
 D'BMS_output. Put UNG ('Record Inserted successfulg');
  - Bucephion
       WHEN OTHERS THEN
            OBM S-output . Put - LING (GERRS; "). SQ LERR J;);
      END?
2. Function to Petch student Details with Error
Handling
     CREATE OR REPLACE FUNCTION GET Student
  Octails (P. student -D.IN NUMBER)
     RETURN VARCHAR ?
       7-8
         Student_into VARCHAR 2 (255);
      BEGIN
       SELECT NAMBE'N Name 11' Age; 11 Age 11', 'pepartanat
        n pepu theut"
```

Mades: 'MM ARKICS

INTO student -into

FROM Stude ND

WHERE Student 10 = P-stude not 10: RETURN sturdent-into;

Exception

WHEN NO -DATA - FOUD THEN

RETURN'S TUDENT POT FOUND;

WHEN OTHERS THEN

RETURN 'Error: 1/15ALERRM;

END;

VEL TECH - CS	13
EX NO.	
RESULT AND ANALYSIS (3) VIVA VOCE (3)	
OFCORD (4)	
TOTAL (15) SIGN WITH DATE	

Result', - Thus the Task is executed and verified successfully