

Div- A
Unit-3
ADS Practical Assignment: Cursor

Date: 15/03/2022

Q.

Create a table "News_type" with fields: NewsType_Id (pk), NewsType_name.

Create a table "News_details" with fields: News_Id, News_Type (FK), News_Date, News_print_price, News_writerName, News_pageNo

Constraints:

1. Apply primary and foreign keys whenever necessary.
2. NewsType_name value must be from the following : Politics, Sports, Movie, Technology
3. News_print_price must be greater than or equal to 0.
4. News_pageNo should start from 1 and end at 15.
5. Insert appropriate data minimum 5 to 6 records.

Simple Cursor:

- A. Create a cursor that fetch all newstype from table News_type and display all data using simple loop
- B. Create a cursor that fetch all newsdetails from table News_detail and display all data using for loop
- C. Create a cursor that fetches newsdetails and displays only News_type, News_writerName and News_pageNo. Also check if the cursor is not found then display the message "cursornotfound" with "cursor rowcount" value.

Parameterised Cursor:

- D. Create a cursor that fetches only those data whose News_date is today's date and print price less than 10 Rs and display all information from newsdetail. Check if the cursor is open or not. If it's open then only fetch the records.
- E. Create a cursor that fetches only newstype containing values "Technology" or "Politics" and displays newstype information.

INSTRUCTIONS:

Save all output of create table , insert data and cursors into docx file

Div- A

Unit-3-part2

ADS Practical Assignment: Functions and Procedures

Date: 22/03/2022

Q. Add one more column named “news_rating” in existed table “News_details” . insert appropriate data between 1 to 10 in news_rating column.

On same table created above (newstype and newsdetail) need to continue for function and procedure.

Procedure :

1. Create a procedure “update_price” and take input parameter as “news_id” and “news_rating”. update the News_print_price to 20% if news_rating is “1”, if news_rating is “2” then update the News_print_price to 10%, if news_rating is “3” then update the News_print_price to 5% and if any other news_rating then update the News_print_price to 2%. show the output of updated news_detail table.
2. Create a procedure “Loop_Type” and take input parameter as “news_type_id”. Using cursor display those news_details whose news_type_id is equal to pass by user input to procedure.
3. Create a procedure that find max and min price of news printing and display those news details (can use cursor or simple select statement).
4. Create a procedure that fetch cursor for all news_writer_name and news_pageno. Loop the data and display both fields after concatenate writername and pageno and insert the same in table “news_details” in column “newsnamepno”. (need to create a column before insert query).

INSTRUCTIONS:

Save all output of create table , insert data and procedures and functions into docx file