Ex:No: 11

Date:

Simple programming exercise using (REPEAT, WHILE)

Aim'

To learn how to use various MySQL loop statements including while, repeat to run a block of code repeatedly basedon a condition.

Procedure:

WHILE loop

The syntax of the WHILE statement is as follows:

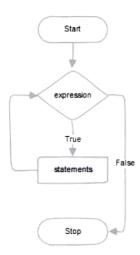
WHILE expression DO

....... capi costion s c

statements END WHILE

The WHILE loop checks the expression at the beginning of each iteration. If the expression valuates to TRUE, MySQLwill execute statements between WHILE and END WHILE until the expression evaluates to FALSE. The WHILE loopis called pretest loop because it checks the expression before the statements execute.

The following flowchart illustrates the WHILE loop statement:



Program 1

Write a function to build a string repeatedly until the value of the variable becomes s greater than 5. Then, we display the final string using a SELECT statement.

Procedure: REPEAT loop

The syntax of the REPEAT loop statement is as follows:

REPEAT

statements;

UNTIL expression

END REPEAT

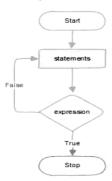
First, MySQL executes the statements, and then it evaluates the expression. If

the expression evaluates to FALSE, MySQL executes the statements repeatedly until the expression evaluates to TRUE.

Because the REPEAT loop statement checks the expression after the execution of statements, the REPEAT loopstatement is also known as the post-test loop.

The following flowchart illustrates the REPEAT loop statement:

The following flowchart illustrates the REPEAT loop statement:



Program 2:

Write a function that uses REPEAT statement which would repeat the loopuntil income is greater than or equal to4000, at which point the REPEAT loop would beterminated

Program:-1

Program:-2

 $\pmb{RESULT:} Thus \ the \ Simple \ programming \ exercise \ using (REPEAT, \ WHILE \) \ exectuted \ successfully.$

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