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\* File : LAB 2\_4.doc

\* Author Name : Durga Prasad Nagidi

\* Desc : Modification of given pseudocode

\* Version : 1.0 \*

\* Last Modified Date : 29-July-2017 \*

\* Change Description : Initial \*

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BEGIN

DECLARE emp AS Employee

DECLARE INDEX AS INTEGER

DECLARE leaves, TotalLeaves AS INTEGER

//leaves variable is used to store number of leaves per month

FOR index= 1 to 5

PROMPT "Enter the EmployeeId" AND STORE IN

emp.EmpId

PROMPT "Enter the employmentType" AND STORE IN

emp.employmentType

END FOR

FOR index= 1 to 5

TotalLeaves = check(emp.employmenttype)

PRINT "Employee Id :" + emp.EmpId

PRINT "Total Available Leaves are :"+TotalLeaves

END FOR

END

// Creation of structure to hold the data.

RECORD Employee

DECLARE EmpId as INTEGER

DECLARE employmentType AS STRING

END RECORD

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Module Name : check() \*

\* Input Params : varchar \*

\* Return Type : Number \*

\* Author Name : Durga Prasad Nagidi \*

\* Description : Sub program to convert binary number to decimal number \*

\* last Modified Date : 2/2/2018 \*

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SUB check(employment\_type)

DECLARE leaves, TotalLeaves AS INTEGER

IF(employmentType=='PERMANENT') THEN

leaves=2;

TotalLeaves=leaves\*12;

ELSE IF(employmentType=='CONTRACT') THEN

leaves=1;

TotalLeaves=leaves\*12;

END IF

RETURN TotalLeaves

END SUB