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\* File : Lab2\_2.4.doc

\* Author : BOGGAVARAPU SAI RAVITEJA

\* Version : 1.0

\* Date : 2 February 2018

\* Description : Calculating the total leaves with exceptions(Initial code)

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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

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\* Module : Check

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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