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Sub RegisterEmployee()
    Dim cn As Object, rs As Object
    Dim dbPath As String
    Dim firstName As String, lastName As String, nationalID As String
    Dim sqlCheck As String

    ' Database path
    dbPath = "C:\Users\Asus\Desktop\for khedmat\LeaveDatabase.accdb" ' ? Update this to your real path

    ' Get values from Sheet1
    With Sheets("Sheet1")
        nationalID = .Range("H8").Value
        firstName = .Range("J8").Value
        lastName = .Range("L8").Value
    End With

    ' Connect to Access
    Set cn = CreateObject("ADODB.Connection")
    Set rs = CreateObject("ADODB.Recordset")
    cn.Open "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & dbPath

    ' Check for duplicate NationalID
    sqlCheck = "SELECT * FROM LeaveRecords WHERE NationalID = '" & nationalID & "'"
    rs.Open sqlCheck, cn, 1, 3

    If Not rs.EOF Then
        MsgBox "This National ID is already registered.", vbInformation
    Else
        cn.Execute "INSERT INTO LeaveRecords (FirstName, LastName, NationalID, Estekhaghi, Tashvighi) " & _
            "VALUES ('" & firstName & "', '" & lastName & "', '" & nationalID & "', 0, 0)"
        MsgBox "Employee registered successfully."
    End If

    rs.Close: Set rs = Nothing: cn.Close: Set cn = Nothing

    Call BackupDatabase

End Sub

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Sub UpdateLeave()
    Dim cn As Object, rs As Object
    Dim dbPath As String
    Dim nationalID As String
    Dim newEstekhaghi As Long, newTashvighi As Long
    Dim sqlCheck As String

    dbPath = "C:\Users\Asus\Desktop\for khedmat\LeaveDatabase.accdb" ' ? Change this

    ' Get values from Sheet2
    With Sheets("Sheet2")
        nationalID = .Range("H8").Value
        newEstekhaghi = CLng(.Range("H9").Value)
        newTashvighi = CLng(.Range("J9").Value)
    End With

    Set cn = CreateObject("ADODB.Connection")
    Set rs = CreateObject("ADODB.Recordset")
    cn.Open "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & dbPath

    sqlCheck = "SELECT * FROM LeaveRecords WHERE NationalID = '" & nationalID & "'"
    rs.Open sqlCheck, cn, 1, 3

    If Not rs.EOF Then
        rs("Estekhaghi") = rs("Estekhaghi") + newEstekhaghi
        rs("Tashvighi") = rs("Tashvighi") + newTashvighi
        Sheets("Sheet2").Range("J8").Value = rs("FirstName")
        Sheets("Sheet2").Range("L8").Value = rs("LastName")
        rs.Update
        MsgBox "Leave updated successfully."

        ' Clear input fields
        Sheets("Sheet2").Range("H9").ClearContents
        Sheets("Sheet2").Range("J9").ClearContents
    Else
        MsgBox "National ID not found.", vbCritical
    End If

    rs.Close: Set rs = Nothing: cn.Close: Set cn = Nothing

    Call BackupDatabase

End Sub

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```
Sub ShowLeaveInfo()  
    Dim cn As Object, rs As Object  
    Dim dbPath As String  
    Dim nationalID As String  
    Dim sqlCheck As String  
  
    dbPath = "C:\Users\Asus\Desktop\for khedmat\LeaveDatabase.accdb" ' ? Update this path  
  
    nationalID = Sheets("Sheet3").Range("H8").Value  
  
    Set cn = CreateObject("ADODB.Connection")  
    Set rs = CreateObject("ADODB.Recordset")  
    cn.Open "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & dbPath  
  
    sqlCheck = "SELECT * FROM LeaveRecords WHERE NationalID = '" & nationalID & "'"<br>    rs.Open sqlCheck, cn, 1, 3  
  
    If Not rs.EOF Then  
        With Sheets("Sheet3")  
            .Range("J8").Value = rs("FirstName")  
            .Range("L8").Value = rs("LastName")  
            .Range("N9").Value = rs("Estekhaghi")  
            .Range("O9").Value = rs("Tashvighi")  
        End With  
        MsgBox "Data retrieved successfully."  
    Else  
        MsgBox "No record found for this National ID.", vbExclamation  
    End If  
  
    rs.Close: Set rs = Nothing: cn.Close: Set cn = Nothing  
  
    Call BackupDatabase  
  
End Sub
```

```
Sub FetchNameByNationalID()  
    Dim cn As Object, rs As Object  
    Dim dbPath As String  
    Dim nationalID As String  
    Dim sqlCheck As String  
  
    dbPath = "C:\Users\Asus\Desktop\for khedmat\LeaveDatabase.accdb" ' ? replace with your actual path  
    nationalID = Sheets("Sheet2").Range("H8").Value  
  
    Set cn = CreateObject("ADODB.Connection")  
    Set rs = CreateObject("ADODB.Recordset")  
    cn.Open "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & dbPath  
  
    sqlCheck = "SELECT * FROM LeaveRecords WHERE NationalID = '" & nationalID & "'"<br>    rs.Open sqlCheck, cn, 1, 3  
  
    If Not rs.EOF Then  
        Sheets("Sheet2").Range("J8").Value = rs("FirstName")  
        Sheets("Sheet2").Range("L8").Value = rs("LastName")  
    Else  
        MsgBox "National ID not found.", vbExclamation  
    End If  
  
    rs.Close: Set rs = Nothing: cn.Close: Set cn = Nothing  
  
End Sub
```

```

Sub BackupDatabase()
    Dim sourcePath As String
    Dim backupFolder As String
    Dim backupName As String
    Dim fso As Object
    Dim nowTime As String

    ' Set source database path and backup folder
    sourcePath = "C:\Users\Asus\Desktop\for khedmat\LeaveDatabase.accdb" ' ? actual database path
    backupFolder = "C:\Users\Asus\Desktop\for khedmat\Backups\" ' ? must exist

    ' Generate timestamp-based name (e.g., LeaveDatabase_14030201_1430.accdb)
    nowTime = Format(Now, "yyyymmdd_hhnnss")
    backupName = "LeaveDatabase_" & nowTime & ".accdb"

    ' Use FileSystemObject to copy the file
    Set fso = CreateObject("Scripting.FileSystemObject")
    fso.CopyFile sourcePath, backupFolder & backupName, True

    ' Optional: Notify
    ' MsgBox "Backup saved: " & backupName
End Sub

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