tblEmployee

employeeId	employeeName	employeeCode	employeeSalary	supervisorId
502030	Mehedi Hasan	EMP320	50000	502036
502031	Ashikur Rahman	EMP321	45000	502036
502032	Rakibul Islam	EMP322	52000	502030
502033	Hasan Abdullah	EMP323	46000	502031
502034	Akib Khan	EMP324	66000	502032
502035	Rasel Shikder	EMP325	53500	502033
502036	Selim Reja	EMP326	59000	502035
…	…	…	…	…

tblEmployeeAttendance

employeeId	attendanceDate	isPresent	isAbsent	isOffday
502030	2023-06-24	1	0	0
502030	2023-06-25	0	1	0
502031	2023-06-25	1	0	0
…	…	…	…	…

Create **API** from above table using **C#**, **.Net Core, MSSQL** and **Entity Framework Core**:

API01# Update an employee's Employee Name and Code [Don't allow duplicate employee code]
API02# Get employee who has 3rd highest salary
API03# Get all employee based on maximum to minimum salary who has not any absent record
API04# Get monthly attendance report of all employee
Report columns are:
[Employee Name, Month Name, Payable Salary, Total Present, Total Absent, Total Offday]
API05# Get a hierarchy from an employee based on his supervisor. Here is an example
Input Employee Id: 502036
Output Employees: Selim Reja -> Rasel Shikder -> Hasan Abdullah -> Ashikur Rahman

It will add extra value if you…

- Add JWT token
- Try to use InMemory DbContext OR SQLite
- Use repository pattern
- Maintain SOLID principle
- Use model validation