<u>**Assignment-1**</u>

Create ASP.NET Web API to perform the given operations on the below database table: (Code First Approach)

Database Table: Policies

Field	Type	Description
policyId	BIGINT (PK)	Unique policy identifier
userId	BIGINT	Policyholder
insurer	VARCHAR(100)	Insurance provider
policyType	VARCHAR(50)	Life, Health, Motor, etc.
premiumAmt	DECIMAL(10,2)	Premium amount
startDate	DATE	Policy start date
endDate	DATE	Policy expiry date
status	VARCHAR(20)	Active, Lapsed, Cancelled

End-Points

GET	/api/policies	Get all policies for the logged-in user
GET	/api/policies/{id}	Get details of a specific policy
POST	/api/policies	Create a new policy
PUT	/api/policies/{id}	Update or renew an existing policy

Create ASP.NET Web API to perform the given operations on the below database table: (Database First Approach)

Database Table : Claims

Field	Type	Description
claimId	BIGINT (PK)	Unique claim identifier
policyId	BIGINT	Related policy
userId	BIGINT	Policyholder
claimAmt	DECIMAL(10,2)	Claimed amount
description	VARCHAR(200)	Reason for claim
status	VARCHAR(20)	Submitted, Approved, Rejected
submittedAt	DATETIME	Claim submission date

Method	Endpoint	Description
POST	/api/claims	Submit a new claim
GET	/api/claims	Get all claims for the logged-in user
GET	/api/claims/{id}	Get details of a specific claim
PUT	/api/claims/{id}	Update claim details (if not yet processed)
DELETE	/api/claims/{id}	Delete a claim (if not yet processed)