NUnit Assignment Question
MINI INSURANCE CLAIM PROCESSOR

This application allows an insured person to:

Submit a claim

Check eligibility

Calculate claim payout based on insurance type (e.g., Health, Vehicle)

Approve or reject based on policy rules

❇️ Models

Policy: Represents an insurance policy

Claim: Represents a submitted claim

⚙ Interfaces

IPolicyRepository: Fetch policies

IClaimEvaluator: Evaluate the claim

🔧 Services

ClaimProcessor: Contains core logic for processing

✨ Functionality

Action	Description
Submit Claim	Submit with ID, Type, ClaimedAmount
Validate Claim	Check max limits, policy status
Compute Payout	Apply rules based on insurance type
Approve / Reject Claim	Finalize the decision

🧪 Unit Tests with Moq

You will write tests to:

Validate claim acceptance

Reject based on limits

Check exception handling

Assert total claim payout