CODING CHALLENGE

Insurance Management System

NAME: PRINCE PATEL

CODING CHALLENGE: INSURANCE MANAGEMENT SYSTEM

Reference Screenshots

1. Creating Policy


```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 1
Enter policy ID : 1
Enter policy name : ICICI Life Insurance
Enter premium amount : 50000
Enter coverage amount : 80000
Policy created successfully.
```

	policyId	policyName	premiumAmount	coverageAmount
1	1	ICICI Life Insurance	50000.00	80000.00

2. Get Policy by ID

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 2
Enter policy ID : 2
Policy (policyId = 2, policyName = Vehicle Insurance, premiumAmount = 45000.00, coverageAmount = 65000.00)
```

	policyId	policyName	premiumAmount	coverageAmount
1	2	Vehicle Insurance	45000.00	65000.00

3. Get All Policies

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 3

All Policies:
Policy (policyId = 1, policyName = ICICI Life Insurance, premiumAmount = 50000.00, coverageAmount = 80000.00)
Policy (policyId = 2, policyName = Vehicle Insurance, premiumAmount = 45000.00, coverageAmount = 65000.00)
```

	policyId	policyName	premiumAmount	coverageAmount
1	1	ICICI Life Insurance	50000.00	80000.00
2	2	Vehicle Insurance	45000.00	65000.00

4. Updating Policy

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 4
Enter policy ID to update : 1
Current policy details : Policy (policyId = 1, policyName = ICICI Life Insurance, premiumAmount = 50000.00, coverageAmount = 80000.00)
Enter new policy name (current: ICICI Life Insurance) : Health Insurance
Enter new premium amount (current: 50000.00) : 70000
Enter new coverage amount (current: 80000.00) : 95000
Policy 1 updated successfully.
```

	policyId	policyName	premiumAmount	coverageAmount
1	1	Health Insurance	70000.00	95000.00

5. Deleting Policy

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 5
Enter policy ID to delete : 1
Policy 1 deleted successfully.
```

policyId	policyName	premiumAmount	coverageAmount

6. Policy Not Found Exception

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 2
Enter policy ID : 3
Policy with ID 3 not found.
```

7. Exit

```
===== Insurance Management System Menu =====
1. Create Policy
2. Get Policy by ID
3. Get All Policies
4. Update Policy
5. Delete Policy
6. Exit
Enter your choice : 6
Exiting...
PS D:\HEXA> 
```