

Python Coding Challenge

Insurance Management System

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Outputs

Insurance Management System Menu:

1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit

Enter your choice: **Choosing 1**

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
PS C:\Users\PRADEEP\Desktop\Insurance> python -u "c:\Users\PRADEEP\Desktop\Insurance\MainModule.py"

Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 1
Enter client name: prasanth
Enter contact info: 9823809491
Enter policy: Health
Client created successfully!
```

Data Reflected to the database

100 %

	clientId	clientName	contactInfo	policy
1	1	pranay	7814890349	home
2	2	prasanth	9823809491	Health

Choosing Option -2

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 2
Enter policy name: Health Insurance
Enter policy description: Covers medical expenses including hospital stays.
Policy created successfully!
```

Data Reflected to the Database

Data added to the database at end

100 %

	policyId	policyName	policyDescription
1	1	Health Insurance	Covers medical expenses including hospital stays...
2	2	Life Insurance	Provides financial security to your family in case o...
3	3	Auto Insurance	Covers damages to your car and third-party liability
4	4	Home Insurance	Covers damages to your home and belongings
5	5	Car	To brought a new car
6	6	Health Insurance	Covers medical expenses including hospital stays.

Choosing Option -3

Getting the Policy by entering the Policy ID

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 3
Enter policy ID: 6
Policy [policyId=6, policyName=Health Insurance, policyDescription=Covers medical expenses including hospital stays.]
```

Choosing Option -4

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 4
Policy [policyId=1, policyName=Health Insurance, policyDescription=Covers medical expenses including hospital stays and treatments]
Policy [policyId=2, policyName=Life Insurance, policyDescription=Provides financial security to your family in case of your death]
Policy [policyId=3, policyName=Auto Insurance, policyDescription=Covers damages to your car and third-party liability]
Policy [policyId=4, policyName=Home Insurance, policyDescription=Covers damages to your home and belongings]
Policy [policyId=5, policyName=Car, policyDescription=To brought a new car]
Policy [policyId=6, policyName=Health Insurance, policyDescription=Covers medical expenses including hospital stays.]
```

Choosing Option -5

```
Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 5
Enter policy ID: 5
Enter new policy name: Car Insurance
Enter new policy description: Covers damages to your car and also includes third party liability
Policy updated successfully!
```

Choosing Option -6

Enter Policy Id to delete from the database

```
Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 6
Enter policy ID: 6
Policy deleted successfully!
```

Data Reflected to the database

PolicyId 6 is deleted from the database

Results		Messages	
	policyId	policyName	policyDescription
1	1	Health Insurance	Covers medical expenses including hospital stays...
2	2	Life Insurance	Provides financial security to your family in case o...
3	3	Auto Insurance	Covers damages to your car and third-party liability
4	4	Home Insurance	Covers damages to your home and belongings
5	5	Car Insurance	Covers damages to your car and also includes thi...

Choosing Option -7

Exiting from the database

```
Insurance Management System
1. Create Client
2. Create Policy
3. Get Policy
4. Get All Policies
5. Update Policy
6. Delete Policy
7. Exit
Enter your choice: 7
Exiting...
```