

INTRODUCTION TO C PROGRAMMING



BATCH: - 2023 -2024

BCA 1ST YEAR

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PRESENTATION BY GROUP R - INSURANCE POLICY SYSTEM

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RAWAT

INSURANCE POLICIES SYSTEM

- An insurance policy system is a comprehensive system that manages all aspects of insurance policies. Here are some key features:

- Record Management:** The system acts as the record management system for all insurance policy-related information. This includes records such as quotes, rating actions, issuances, renewals, and more.

- Policy Lifecycle Management:** The system manages the entire policy lifecycle, including housing and updating policy details, updating new billing information, tracking beneficiary changes, ending policies, designing transaction workflows, and more.

- Insurance Repositories (IR):** Introduced by IRDAI, the IR system provides policyholders a facility to keep insurance policies in electronic form and to undertake changes, modifications, and revisions in the insurance policy with speed and accuracy.

- Policy Administration Solutions:** These are designed to manage an insurance company's entire catalogue of policies on offer and all policies they have issued.

- Integration with Other Systems:** A policy administration solution spans insurance functions including rating, quoting, case installation, renewal, and servicing, and is integrated into billing and claims platforms.

- Reporting:** The system can produce policy-specific reports.

- There are many insurance policy administration systems available in the market, such as BriteCore, Ventiv Policy, and Oracle Insurance Policy Administration. Each system has its own features and benefits, so it's important to choose one that best fits the needs of the insurance company.

LIFE INSURANCE POLICY

- A life insurance policy is a contract between an insurance company and a policyholder. The insurer promises to pay a fixed amount of money in return for a premium, after a set period or upon the death of the insured.

insurance_policy_system1.c X Workspace Trust

C: > Users > Acer > C insurance_policy_system1.c > Customer > name

1 #include <stdio.h>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code + - - X

PS C:\Users\Acer> cd

> cd "c:\Users\Acer\" ; if (\$?) { gcc insurance_policy_system1.c -o insurance_policy_system1 } ; if (\$?) { .\insurance_policy_system1 }

1:Customer Rights,
2:Administrative Rights
Select the two options from the above.....1
Welcome, Customer!
Enter Policy Type
1 for Life Insurance,
2 for Term Insurance,
3 for Vehicle Insurance,
4 for Health Insurance
Select policies from the given options....1
Enter Customer Name: Sahil
Enter Customer Age: 18
Enter Customer Address: Clement Town
Add Details for 1st Nominee:
Enter Nominee Name: Enter Nominee Age: 21
Enter Nominee Relationship: ahsu
Add Details for 2nd Nominee:
Enter Nominee Name: hus
Enter Nominee Age: 32
Enter Nominee Relationship: sjdiw
Enter Investment Amount per Year: 2000
Insured Amount: Rs 2000000
Maturity Amount after 30 years: Rs 1000000
PS C:\Users\Acer> |

TERM INSURANCE INSURANCE POLICY -

- Term insurance is a type of life insurance policy that provides coverage for a specific period of time. If the insured person dies during the policy term, a death benefit is paid to the nominees

C:\Users\Acer> cd insurance_policy_system.c / addNomineeDetails(Nominee *)

```
109     if (years < 5) {
110         | penalty = investment * 0.05;
111     } else if (years < 10) {
112         | penalty = investment * 0.025;
113     }
114
115     printf("\nTerm Insurance Policy Details:\n");
116     printf("Customer Name: %s\n", customer.name);
117     printf("Customer Age: %d\n", customer.age);
118     printf("Customer Address: %s\n", customer.address);
119     printf("Nominee Name: %s\n", nominee.name);
120     printf("Nominee Age: %d\n", nominee.age);
121     printf("Nominee Relationship: %s\n", nominee.relationship);
122     printf("Investment Amount: Rs %d\n", investment);
123     printf("Interest Rate: %d%%\n", interestRate);
124     printf("Penalty: Rs %d\n", penalty);
125 }
126
127 // Function for Vehicle Insurance Policy
128 void vehicleInsurancePolicy() {
129     struct Customer customer;
130
131     // Add Customer Details
132     addCustomerDetails(&customer);
133 }
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

Enter Number of Years: 3

Term Insurance Policy Details:
Customer Name: Sahil
Customer Age: 18
Customer Address: Clement
Nominee Name: town
Nominee Age: 21
Nominee Relationship: Brother
Investment Amount: Rs 2000
Interest Rate: 10%
Penalty: Rs 100
PS C:\Users\Acer> |

powershell

Code

Search

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25-11-2023

VEHICLE INSURANCE POLICY -

- A vehicle insurance policy is a mandatory insurance policy designed for vehicles plying on the roads. It provides financial protection to you and your vehicle against any loss or damages resulting from accidents, theft, fire, calamities, and third-party person or property

C:\Users\Acer> C:\insurance_policy_system\c> addNomineeDetails(Nominee *)

```
32     printf("Enter Customer Age: ");
33     scanf("%d", &customer->age);
34     printf("Enter Customer Address: ");
35     scanf("%s", &customer->address);
36 }
37
38 // Function to add Nominee Details
39 void addNomineeDetails(struct Nominee *nominee) {
40     printf("Enter Nominee Name: ");
41     scanf("%s", &nominee->name);
42     printf("Enter Nominee Age: ");
43     scanf("%d", &nominee->age);
44     printf("Enter Nominee Relationship: ");
45     scanf("%s", &nominee->relationship);
46 }
47 // Function for Life Insurance Policy
48 void lifeInsurancePolicy() {
49     struct Customer customer;
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

Code + - [] [X] ... X

```
1:Customer Rights,
2:Administrative Rights
Select the two options from the above.....1
Welcome, Customer!
Enter Policy Type
1 for Life Insurance,
2 for Term Insurance,
3 for Vehicle Insurance,
4 for Health Insurance
Select policies from the given options....3
Enter Vehicle Type
1 for Two-wheeler,
2 for Four-wheeler 1
Insurance Amount per Year: Rs 1500
Enter Total Value of Vehicle: 1
Amount Insured for Vehicle Damage: Rs 0.05
Depreciation Amount: Rs 0.20
Enter Customer Name: Sahil
Enter Customer Age: 18
Enter Customer Address: Clement town
PS C:\Users\Acer>
```



Search



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IN



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04-12-2023



HEALTH INSURANCE POLICY -

- A health insurance policy is a contract between an insurer and an individual or group in which the insurer agrees to provide specified health insurance cover at a particular premium. It covers medical expenses incurred due to an illness, accident, or injury.

C:\Users\Acer> cd "C:\insurance_policy_system1" & addNomineeDetails[Nominee "]

```
32 printf("Enter Customer Age: ");
33 scanf("%d", &customer->age);
34 printf("Enter Customer Address: ");
35 scanf("%s", &customer->address);
36 }
37
38 // Function to add Nominee Details
39 void addNomineeDetails(struct Nominee *nominee) {
40     printf("Enter Nominee Name: ");
41     scanf("%s", &nominee->name);
42     printf("Enter Nominee Age: ");
43     scanf("%d", &nominee->age);
44     printf("Enter Nominee Relationship: ");
45     scanf("%s", &nominee->relationship);
46 }
47 // Function for Life Insurance Policy
48 void lifeInsurancePolicy() {
49     struct Customer customer;
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

Code + - [] [X] [Y] [Z] [W] [V] [U] [T] [S] [R] [Q] [P] [O] [N] [M] [L] [K] [J] [I] [H] [G] [F] [E] [D] [C] [B] [A]

PS C:\Users\Acer> cd "c:\Users\Acer\" ; if (\$?) { gcc insurance_policy_system1.c -o insurance_policy_system1 } ; if (\$?) { .\insurance_policy_system1 }

```
1:Customer Rights,
2:Administrative Rights
Select the two options from the above.....1
Welcome, Customer!
Enter Policy Type
1 for Life Insurance,
2 for Term Insurance,
3 for Vehicle Insurance,
4 for Health Insurance
Select policies from the given options....4
Enter Pass Type (1 for Gold Pass,
2 for Platinum Pass): 1
Pass Amount per Year: Rs 500
Coverage Amount: Rs 100000
Enter Customer Name: Sahil
Enter Customer Age: 18
Enter Customer Address: Clement Town
PS C:\Users\Acer> |
```

ENG

12:53

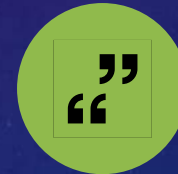
CUSTOMER AND NOMINEE DETAILS



The program uses structures to store customer and nominee details. The Customer structure contains fields for the customer's name, age, and address. The Nominee structure contains fields for the nominee's name, age, and relationship to the customer.



addCustomerDetails()-Prompts the user to enter the customer's name, age, and address, and stores the values in the Customer structure.



addNomineeDetails()-Prompts the user to enter the nominee's name, age, and relationship, and stores the values in the Nominee structure.

END