

Question 1

Coding Practice -1

ABC.com is the online Health insurance portal , which provide health insurance based on following criteria

| S.No | Plan Type | Sum Assured | Premium | Surcharge |
|------|--|-------------|---------|---|
| 1 | Individual healthy Male age between 18-50 years Plan Name : Policy-M1 | 5,00,000 | 8000 | If age is greater than 30, than $X = \text{Current age} - 30$ $\text{sumAssured} * 0.07\% * x$ |
| 2 | Individual healthy Male age between 50-60 years Plan Name : Policy-M2 | 5,00,000 | 15000 | If age is greater than 65, than $X = \text{Current age} - 65$ $\text{sumAssured} * 0.10\% * x$ |
| 3 | Individual healthy Female age between 18-50 years Plan Name : Policy-F1 | 5,00,000 | 10000 | If age is greater than 30, than $X = \text{Current age} - 30$ $\text{sumAssured} * 0.07\% * x$ |
| 4 | Individual healthy Female age between 50-60 years Plan Name : Policy-F2 | 5,00,000 | 20000 | If age is greater than 65, than $X = \text{Current age} - 65$ $\text{sumAssured} * 0.10\% * x$ |

Print the Proper output which includes Auto generated InsuranceID

Hint : use Random class

Sample Output

Issuance ID : 123456

Policy Name : Policy – M1

Policy Owner name : Ramesh Kumar

Age : 40 Years , Gender : Male

Sum Assured : 500,000

Premium Amount :

Base Premium : 8000

Surcharge : 3500

Total Premium : 11,500