

## 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 $X = \text{Current age} - 30$ $\text{premium} * 0.07\% * x$
2	Individual healthy Male age between 50-60 years Plan Name : Policy-M2	5,00,000	15000	If age is greater than 65, than $X = \text{Current age} - 65$ $\text{premium} * 0.10\% * x$
3	Individual healthy Female age between 18-50 years Plan Name : Policy-F1	5,00,000	10000	If age is greater than 30, than $X = \text{Current age} - 30$ $\text{premium} * 0.07\% * x$
4	Individual healthy Female age between 50-60 years Plan Name : Policy-F2	5,00,000	20000	If age is greater than 65, than $X = \text{Current age} - 65$ $\text{premium} * 0.10\% * x$

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 : 5600  $(8000 * 0.07 * 10)$

Total Premium : 13,600