Coding Practice -1

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

- Extra Surcharge also imposed based on conditions
- You have to calculate the Final Premium amount and display the information in the said format
- finalPremium = premium + surcharge Percentage

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 but less than 50 premium*0.07%
2	Individual healthy Male age greater than 50 years Plan Name : Policy-M2	5,00,000	15000	If age is greater than 65 premium*0.10%
3	Individual healthy Female age between 18-50 years Plan Name : Policy-F1	5,00,000	10000	If age is greater than 30, than but less than 50 premium *0.07%
4	Individual healthy Female age greater than 50 years Plan Name : Policy-F2	5,00,000	20000	If age is greater than 65 premium *0.10%

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   : 560 *(8000*0.07)*

                                    Total Premium : 8560/-