Time: 20 min

Full Name :

1. Create a class called *Rating*.
2. It should have a field for the Rating ID.
3. It should have a field for the Rating Name
4. It should have a method called *setRatingDetails* for setting both the rating ID and the rating name by taking in arguments for the ID and name.
5. It should have an overloaded method by the same name *setRatingDetails* that sets the rating ID through an argument, and sets a default rating name as **“General Rating”**.
6. It should have a *display( )* method that prints the rating ID and the rating name.
7. Write a main( ) function in the same *Rating* class that creates an object of class *Rating*.
   1. First set the rating details of the object by calling the method that takes both the ID and the name as arguments (pass anything as the ID and name). Display the values by calling the *display( )* method.
   2. Now, re-set its rating details by calling the method that takes only the ID as argument. Display the values by calling the *display( )* method.
8. Create class Number with only one private instance variable as a double. Create a interface NumberInterface and include the following methods: isZero(Double number), isPositive(Double number), isNegative( Double number), isOdd( Double number), isEven( Double number) and complete the functionality of these methods from the Number class.
9. Write a HTML code to generate the form as below:

|  |  |  |
| --- | --- | --- |
| Cell1 | Cell2 | Cell3 |
| Cell4 | Cell5 | Cell6 |
| Cell7 | | |

* 1. Account No cannot be empty: If empty the page should not be submit. Validate using Java script.