**Constructor OverLoading:**

public class Resistration {

String PassportNo,PanNo,CustName;

int voterid,licenNo;

long telephone;

Resistration(String CustName,String PassportNo,long telephone){

this.CustName=CustName;

this.PassportNo=PassportNo;

this.telephone=telephone;

}

Resistration(String CustName,int licenNo,String PanNo,long telephone){

this.CustName=CustName;

this.licenNo=licenNo;

this.telephone=telephone;

this.PanNo=PanNo;

}

Resistration(String CustName,int voterid, int licenNo,long telephone){

this.CustName=CustName;

this.licenNo=licenNo;

this.telephone=telephone;

this.voterid=voterid;

}

Resistration(String CustName,String PanNo,int voterid, long telephone){

this.CustName=CustName;

this.PanNo=PanNo;

this.telephone=telephone;

this.voterid=voterid;

}

String getPanNo(){

return PanNo;

}

String getpassport(){

return PassportNo;

}

String getName(){

return CustName;

}

int getvoterid(){

return voterid;

}

int getlicenNo(){

return licenNo;

}

long getteleNo(){

return telephone;

}

public static void main(String[] args) {

Resistration r=new Resistration("Kelvin", "MN9891N", 948574859612L);

System.out.println("Congratulations "+ r.getName()+ "!!! you have been resistered for our services with the folowing details:");

System.out.println("Passport No: "+ r.getpassport());

System.out.println("Phone No: "+ r.getteleNo());

System.out.println();

Resistration r1=new Resistration("Rose", "PN8934", 34356, 98548574859612L);

System.out.println("Congratulations "+ r1.getName()+ "!!! you have been resistered for our services with the folowing details:");

System.out.println("Pancard No: "+ r1.getPanNo());

System.out.println("Voterid No: "+ r1.getvoterid());

System.out.println("Phone No: "+ r1.getteleNo());

}

}

/\* OUTPUT

PS C:\Users\bhoir\OneDrive\Desktop\Info\_>javac Resistration.java

PS C:\Users\bhoir\OneDrive\Desktop\Info\_>java Resistration

Congratulations Kelvin!!! you have been resistered for our services with the folowing details:

Passport No: MN9891N

Phone No: 948574859612

Congratulations Rose!!! you have been resistered for our services with the folowing details:

Pancard No: PN8934

Voterid No: 34356

Phone No: 98548574859612

\*/

**Method OverLoading:**

public class PlayerRating {

int Player\_position;

String PlayerName;

float criticOneRating,criticTwoRating,criticThreeRating,AverageRating;

char category;

PlayerRating(int Player\_position,String PlayerName){

this.PlayerName=PlayerName;

this.Player\_position=Player\_position;

}

void calculateAverageRating(float criticOneRating,float criticTwoRating){

this.AverageRating=(criticTwoRating+criticOneRating)/2;

}

void calculateAverageRating(float criticOneRating,float criticTwoRating,float criticThreeRating){

this.AverageRating=(criticTwoRating + criticOneRating + criticThreeRating)/2;

}

void calculateCategory(){

if (AverageRating<=5){

this.category='C';

}

else if (AverageRating<=8){

this.category='B';

}

else{

this.category='A';

}

}

void display(){

System.out.println("The Player name is "+ PlayerName);

System.out.println("The Player position is "+ Player\_position);

System.out.println("The Average Rating is "+AverageRating);

System.out.println("The category is "+category);

}

public static void main(String[] args) {

PlayerRating player1=new PlayerRating(1,"beckham");

player1.calculateAverageRating(9.0f, 9.9f);

player1.calculateCategory();

player1.display();

System.out.println();

PlayerRating player2=new PlayerRating(1,"oscar");

player2.calculateAverageRating(1.0f, 1.0f , 1.0f);

player2.calculateCategory();

player2.display();

}

}

/\* OUTPUT

PS C:\Users\bhoir\OneDrive\Desktop\Info\_> javac PlayerRating.java

PS C:\Users\bhoir\OneDrive\Desktop\Info\_> java PlayerRating

The Player name is beckham

The Player position is 1

The Average Rating is 9.45

The category is A

The Player name is oscar

The Player position is 1

The Average Rating is 1.5

The category is C

\* /