public class chakrabortyrwitikaDesigner

{

private String lastName;

private String firstName;

private int age;

private double salary;

private char status;

private String favoriteTVshow;

public void chakrabortyrwitikaDesigner()

{

lastName="nolastname";

firstName="nofirstname";

age=0;

salary=0.0;

status=' ';

favoriteTVshow="noTVshow";

}

public String GetFirstName()

{

return lastName;

}

public String GetLastName()

{

return firstName;

}

public int GetAge()

{

return age;

}

public double GetSalary()

{

return salary;

}

public char GetStatus()

{

return status;

}

public String GetFavoriteTVShow()

{

return favoriteTVshow;

}

public boolean SetLastName(String passedLastName)

{

lastName=passedLastName;

return true;

}

public boolean SetFirstName(String passedFirstName)

{

firstName=passedFirstName;

return true;

}

public boolean SetAge(int passedAge)

{

int minAge=16;

if(passedAge>minAge)

{

age=passedAge;

return true;

}

else

{

return false;

}

}

public boolean SetSalary(double passedSalary)

{

double minSalary=0,maxSalary=1000000000;

if(passedSalary>minSalary && passedSalary<=maxSalary)

{

salary=passedSalary;

return true;

}

else

{

return false;

}

}

public boolean SetStatus(char passedStatus)

{

if(passedStatus=='a'||passedStatus=='p')

{

status=passedStatus;

return true;

}

else

{

return false;

}

}

public boolean SetFavoriteTVshow(String passedTVshow)

{

favoriteTVshow=passedTVshow;

return true;

}

public void Display()

{

System.out.println("The last name is:" + this.lastName);

System.out.println("The first name is:" + this.firstName);

System.out.println("The age is:" + this.age);

System.out.println("The salary is:" + this.salary);

System.out.println("The status is:" + this.status);

System.out.println("The favorite TV show is:" + this.favoriteTVshow);

}

public String ToString()

{

return lastName+","+firstName+","+age+","+salary+","+status+","+favoriteTVshow;

}

public boolean equals(chakrabortyrwitikaDesigner obj)

{

if(!this.lastName.equalsIgnoreCase(obj.GetLastName()))

return false;

else if(!this.firstName.equalsIgnoreCase(obj.GetFirstName()))

return false;

else if(this.age!=obj.GetAge())

return false;

else if(this.salary!=obj.GetSalary())

return false;

else if(this.status!=obj.GetStatus())

return false;

else if(!this.favoriteTVshow.equalsIgnoreCase(obj.GetFavoriteTVShow()))

return false;

else

return true;

}

}