# Assignment: Object-Oriented Programming: Class Design, Object Creation & Method Implementation

You are given a list of classes with their attributes.

Given Classes

1. **Date**
   - day
   - month
   - year
   - dow
2. **Student**
   - frn
   - studentName
   - distanceCovered
3. **PlacedStudent**
   - frn
   - studentName
   - distanceCovered
   - companyName
   - designation
4. **Employee**
   - id
   - name
   - salary
5. **HR**
   - id
   - name
   - salary
   - commission
6. **SalesManager**
   - id
   - name
   - salary
   - incentive
   - target
7. **Admin**
   - id
   - name
   - salary
   - allowance
8. **BankAccount**
   - accountNumber
   - holderName
   - currentBalance
   - interestRate

Add **any 2 classes of your own choice**

**Task**
1. Create these classes in Java and create one object in the main method.
2. Create object of these classes and print hashcode of object.
3. Implement setters, getters. display method
4. Implement both constructors (default & parameterized)
5. Implement toString() method

Code Structure Reference (Important)
You are expected to write your code in the following format only:
- First, write the entity class (with methods)
- After that, write a Test class containing the main() method
- Object creation must be done inside the main() method only
- One .java file for each example.

```java
class Date{
    int day;
    int month;
    int year;
    String dow;

}
class Test {
    public static void main(String[] args) {
        //creation of object

    }

}
```

Important Rules

- This is only a reference format, not a complete solution
- Your code for all classes should follow the same structure
- Do not write logic outside the main() method
- Keep the code simple and readable
- Follow proper Java syntax and naming conventions