1. Better organization we keep them in different package.
2. Importing becomes easy
3. Two class with same name can be created in separate folder

Access specifiers

1. Private---🡪 these are accessible in the same class where it is defined
2. Protected-🡪 These are accessible in the same class, also accessible in child class, and also accessible in classes within same package
3. Public---🡪 these members are accessible everywhere
4. Default-🡪 these are accessible in all classes which are in the same package

Write a java program to design Student class for university

Students are of 2 type MscStudents and PhdStudents

For every student id,name,address for Msc students store m1,m2,m3 marks

For PHD Students store m1,m2,m3,sp.subject,spsubmarks

Add a method calculate percentage

For MscStudent= (m1+m2+m3)/3

For phd student (m1+m2+m3+spsubmarks)/4

Create 3 Students of each type and display percentage for all students.