

1. Test the following functionalities :
 - a. Create class – MyClass in package pack1. Create 4 method in this class with four different access specifiers – private, default, protected, public.
 - b. Create a class TestClass outside the package and test which all methods are accessible.
 - c. Now create another class in package pack1 and test which all methods of MyClass are accessible and how
 - d. Create a subclass of MyClass in package pack1 and test which all methods of MyClass are accessible and how
 - e. Create a subclass of MyClass outside package pack1 and test which all methods of MyClass are accessible and how
 - f. Create a package inside pack1 with the name subpack1. Create a class inside this subpack1 and test which all methods of MyClass are accessible and how
 - g. In the subpack1, create a class which is subclass of MyClass and test which all methods of MyClass are accessible and how
2. Segregate the classes according to their functionalities in packages. The logically related classes should be in same package.