1. Create a class 'staticDemo' which contains method 'member' that prints the value of a variable 'a' which has initialized in static block and print the value of the argument which will be passed to member method. Create a static block which will initialized another variable 'b' in terms of 'a' (where b is 4 times of a) . Show that when and how static block will be called. Also check whether static block is enough to execute a program without main or you system.
2. Write a program to demonstrate method hiding.