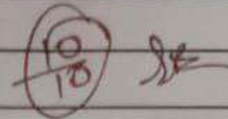Experiment No - 11   (10/10)

Aim — Program on Super keywords and Final Keywords.

Requirements → Pentium IV, JDK, Printer

Theory →

Super and final Keywords —
Super and final keywords are two popular and useful keywords in Java. They also play a significant role in dealing with Java programs and their classes.

What is Super keywords?
Super is a keywords of Java which refers to the immediate parent of a class and is used inside with the subclass method defination for calling a method defined in the superclass. A superclass having methods as private cannot be called. Only the methods which are public and protected can be called by the keyword super. It is also used by class constructors to invoke constructors of its parent class.

SYNTAX →

> super <method -name> ();

Usage of Super Class:
- Super variables refer to the variable of the parent class.
- Super() invokes the constructor of immediate Parent class.
- Super refers to the method of the parent class.

What is final keyword?
Final is a keyword in Java that is is used to restrict the user and can be used in many respects. Final can be used with →
- Class
- Methods
- Variables.

When a class is declared as final, it cannot be extended further.

Conclusion → This java program demonstrates the use of the final keyword to restrict inheritance or modification and the super keyword to access superclass methods or constructors ensuring controlled behaviour and efficient code reuse.

J.Ramdevee
1/10/24