Name - Ameya Barupatre
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	Experiment No-8 (19) M
	Aim > To write a program on inheritance.
	Resource Required: Pentium IV, JDK, Printer
	Theory -> In Java it is an important pillar of bop. It has a mechanism in java by which only one class is allowed to inherit the features (fields and methods) of another class.
	In Java, it means creating new classes based on existing ones. A class that inherits from another class can reuse the methods and fields of the class.
	How to use inheritance? The extends theyword is used for inheritance in java. Using the extends keywords Indicates you are deriver from an existing class. In other words "extends" refers to increased functionality.
	Syntax -> class Derived class extends Raseclass { // method and fields
	3 method and Flows

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	Java inheritance Types-
	Single inheritance
	3 Multilevel inheritance
	Hierarchial inheritance
	Multiple inheritance
	Hybrid inheritance
1)	Single inheritance 2) Multilevel inheritance
	A Rase class
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4	Derived 1 Derived 2 Derived 3
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4)	Multiple inheritance
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5)	Hybrid inheritance
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SARASWATI Education Society's SARASWATI College of Engineering DATE: PAGE NO.: Need of "inheritance in Java -> Code reseability - The vote written in the experious is common to all aubibles. Method overriding - It is adviserable only by which inheritance . It is one of the ways by which java allows a subclass to provide specifice implementation of method defined in superclass. Abstraction -> The concept whose we do not have to provide all details is achieved. Class > Class is a set o of objects which Shares a common characteristic behaviour and common properties attributa Superdays The class whose footures are inherited is unoun as a superclass. Subclass > The class that inherits the other class is unown as a subclass. Stampers the support. 2 Conclusion > Inheritance in Joyla is a