ROIL NO -06 SARASWATI Education Society's PAGE NO. : SARASWATI College of Engineering DATE: Experiment No-10 Aim - Write a program on abstract that class and abstract methods. Resource Required > Pentium N, JDK, Pointer Theory Abstraction in Java > Abstraction is a process of bit lifting the imphamentation details and showing only functionality to the user. Another way it shows only essential things to the weed ever and hides the internal details for example sending oms where you type the text and send the message. You don't know the internal processing about the mexcage delivery.

Abstraction lets you focus on what the objects does instead of how it does it Ways to achoive Abstractions 1) Abstract Class 2) Interface. - Abstract Class - It is a class that connot be inster initiated on its own, meaning you cannot create an abject of it directly. It is helped designed to be extended by another

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	Classes. An abstract class may have both abstract Methods (methods without implementation) and concrete methods (methods with implementation). We use the abstract toyword to declare an abstract class  For // Create an abstract Class abstract Class language (
	3
	// by to Create on object language.  11 throws an error  Language obj = new Language();
	An abstract class can have both the regular methods and abstract methods for example ->
Ш	abstract Class Language &
$\parallel$	Mabstoad method
	abstract void method ())
	1/regular method
	void methodel) {
	System. out. Point In ("This is regular method")
	3
	}
	Control of the Contro

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SARASWATI College of Engineering DATE:\_\_\_\_\_\_ An abstract method is a method that is declared without an implementation lusing the abstract Keyword). It does not have a body that extends the abstract class If a close contains on abstract method then the class should be declared abstract otherwise it will generate an error. Conduction - We have successfutly implemented java program of abritant class and method.