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and the same of th	Title: Linite a program to implement class in ct+
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and and	I To undougtant the concept of closs and object
	2 To understand the concept of contractor of contractor
	key concepts: class, object, constructor, destructor
*	Thency
	In object oriented design (oop), the first step is to identify the components, called objects. An object
	identify the components, called objects. An object
	combines data and the operations on that data
	in a single unit.
	In C++, the mechanism that allows you to
	combine data and the operations on that datain
	a single unit is called a class. A class is a
	collection of a fixed number of components. The
	components of a class are called member of class.
*	The general syntax for defining a class is
	class
	class classidentifier
	{ class member list;
	};
	in which classmemberlist consists of raniable
	declarations and for functions. That is, a member
	of a class can be either a vaniable (to store
	data) or a function
Ž	(1) If a member of a class is a variable,
	you declare it just like any other rapiable
	Also, in the defination of the class, you
	cannot initialize a variable when you decord
	(2) If a member of a class is a function,
	You typically use the contractor and type to
	declare that member
-	the members of a class are classified into 3
	ratagonies: Prixate, Public and protected.

the member access operator.

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A class object can be either automatic (
that is, created each time the control reaches,
its declaration and destroyed when the control
exits the surrounding black) or static (that is,
created once, when the control reaches its
declaration, and destroyed when the program
terminates).

Also, you can declare an array of class objects. A class object has the same scape as ather variables, A member of class has the same scape as a member of a struct that is, a member of a class is local to the class. You access a class member autiste of the class by using the class object name and the member access aperator (-).

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Functions and Clauses

Following rules describe relationship between functions and classes:

- 1. class object can be passed as parameters
  to functions and returned as function values
- 2. As parameters to functions, class object can be passed either by value or by reference
- 3. If a class object is passed by value, the contents of member variables of actual para-meter are copied into the corresponding member variables of the formal parameter.

\* constructions and bestructions:

constructors and destructors are two special cinds of member functions. In general, a constructor is a member function with the same name as the class. A constructor is the first method that is called

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	implicitly when an object is created. They are
	used to initialize data and provide the guarantee
	that the data is always volid.
1-0-6	A destructor is the method that is
	called each time the object dies or exceeds its
	lifetime. It has the same name as the name
	of the class, prefixed with an (character tilde)
	They are used to perform any cleanup activity
	for data members whose memory is allocated
	dynamically.
	Ex: myclaus A() / 1/constructor
	~myclassAC); 11 destructor
	constructors and destructors need to have public
n	scope. Constructors can be overloaded, to support
	different ways of object initialization.
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