#### • Translate the following lists of noun phrases.

	Exercise 1
1.	circuit board
2.	storage controllers
3.	electronic components
4.	semiconductor devices
5.	high speed
6.	inkjet printers
7.	field attributes
8.	mouse sensitivity
9.	peripheral interfaces
10.	physical and environmental events
11.	hardware and software inventory
12.	the user's particular needs
13.	two main advantages
14.	digital memory chips
15.	random access memory
16.	computer bus controllers
17.	a single output operation
18.	application program functions
19.	memory access models
20.	machine language instructions
	dynamic memory allocation
22.	a procedural programming paradigm
23.	source code file inclusion
24.	electrical, electronic, or electro-mechanical device
25.	your computer platform, operating system, programming skills, and application type
26.	variables, arrays and complex arithmetic or boolean expressions
Ex	rercise 2
1.	the movement of the pointer on the screen
2.	the first letter in the first word of the paragraph
3.	a summary of the basic mouse techniques
4.	a circular area 5 inches in diameter

ວ.	motherboard or system board with slots for expansion cards
6.	the transfer of business data via intranets
7.	the differences between compilers and interpreters
8.	languages for data analysis and statistics
9.	the load on very busy processors
10.	. a physical location on the screen
11.	. external components of a computer system
	. the abstractions of functions, variables and expression evaluation
	. rudimentary support for modular programming
14.	. slots for expansion cards and holding parts
15.	. spreadsheets with additional functions
16.	the major difference between the two products
17.	. a great influence on many other popular languages
18.	. a wide class of software and hardware implementations
19.	. extensions of the underlying virtual memory architecture
	an interesting demonstration of the remarkable interchangeability of pointers and arrays
<u>Ех</u>	rercise 3
1.	long-term storage
2.	medium-term storage
3.	dial-up Internet access
4.	non-physical item
5.	a byte-code format
6.	
7.	
8.	run-time support
	non-volatile storage
	. flat-panel displays
	. fourth-generation languages
	. first-time programmers
	. Basic Input-Output System (BIOS)
	read-only memory (ROM)
	. high-level programming language
	. a general-purpose, procedural, imperative computer programming language

#### Exercise 4

1.	compiled languages
2.	Derived types
3.	designated initializers
4.	a monolithic integrated circuit
5.	printed circuit board
6.	miniaturized electronic circuit
7.	the shared memory region
8.	distributed shared memory (DSM)
9.	the uncompressed storage capacity of any medium
10.	four interrelated technologies
11.	a few pre-defined tasks
12.	specialized systems for routine analyses
13.	objects of unknown type
14.	large blocks of data known as datastreams
15.	shared parts distributed among nodes and main memory
16.	the prototypes of the functions contained within the library
17.	any program written only in Standard C
18.	mainframe-based applications
19.	object-oriented language features
20.	the rubber-coated ball
21.	a graphics-based program
22.	mass-produced consumer embedded systems
23.	an implementation-defined search strategy
24.	the instructions provided in Chapters 1 through 3 in this guide.
 25.	problem-oriented languages
26.	windows-based systems
27.	built-in types for integers of various sizes
28.	applications specifically targeted for Unix and Unix-like systems
29.	any connected device added to the three base components
30.	any device attached to a computer in order to expand its functionality

#### Exercise 5

1.	quicker text input
2.	more practical uses
3.	more graphically oriented interfaces
4.	higher-level languages
5.	the most common type of removable media
6.	. the most productive and efficient interface
7.	the most widely used programming languages
8.	the earliest forms of non-volatile read-only memory
<u>Ex</u>	ercise 6
1.	a blinking box
2.	rotating heads
3.	a cooling fan
4.	string handling routines
5.	several warning messages
6.	floating-point numbers
7.	debugging purposes to preserve the application program screen contents
8.	the resulting multidimensional array
9.	computer training services
10	links to a no-longer existing executable file
11	. separate heads for recording and playback
12	the cost of designing and developing a complex integrated circuit
13	the value of evaluating the main function
14	facilities for managing memory
15	a program for controlling, blocking and restricting internet & network access
	an exit code indicating successful execution
	. new types using keywords
	. automated source code checking and auditing
13	automated source code checking and additing
20	. a thin membrane producing some proportional electrical signal
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21.	a user working at a remote location
22.	processing numerical data
23.	organizing large programmes
24.	"Using the mouse" Tutorial
25.	copying of arrays or strings
26.	
27.	and applications
28.	Inexpensive C development packages resulting from advances in incremental compiling
Exe	ercise 7
	a section of a program that performs a specific task
2.	cards that are fast and built to last
3.	examples of specific features that might be needed
4.	specific cost data that will change over time
5.	an acoustic to electric transducer that converts sound into an electrical signal
	a self-contained entity that consists of both data and procedures
7.	software that can run on computers with a new architecture
	applications that you have already deleted or uninstalled
9.	requirements that would make the machine competitive in that market
10.	more than just the electronic components that make up the computer itself
	users who do not have a lot of experience with the computer
12.	the types of operations that can be applied to the data structure

13. a highly educated and well trained staff that is dedicated to the computer market
14. A form of cathodoluminescent display that can operate at low voltages
15. management tools which are able to dynamically assign and efficiently manage workloads
16. a modem that accesses a private wireless data network or a wireless telephone system
17. the ways that software and technology in the cloud are accessed by digital media
18. Any board that plugs into one of the computer's expansion slots.