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	Assignment: 2			
Open	Source Software Development"			
<i>-</i>	Ghiyas Zafor			
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Questing Hard Logical allege was with				
Question: How Logical address map with physical address?				
	rysical address?			
Answer: 1	aginal addresses are according			
by CPI	ogical addresses are generated -			
Whereas	logical addresses do not physically			
exists, it	is also called virtual address.			
These as	Idnesses are used as a reference			
by CPU	to access the actual physical			
memory_	location.			
L CONTRACT	The same of the sa			
Ph	ysical address identifies the			
physical	location of data in memory.			
User can	not directly deals with the physical			
address t	out shelpe can finds the physical			
address	by its respective logical address			

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	Relocation			
	register			
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Memory Manage device which logical address address.		prespect	re physical	· · ·
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-Address mapping can be performed by these ways:
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these ways:
Compile Time:
During the compile time if
user know where a process will reside
in memory then actual/confirmed address
can be created where physical address is
generated in the program execution while
compilation. But it generated address space
is used by other process, program will be
corrupted and it would require to
compile it again to use a logical address.
Load Time: If user does not know that
during compile time that where processes
will reside the relocatable addresses will
be created. The loader checks the
relocatable address to absolute address and
base address of the process in main memory
will be added to all logical address
by the loader to generate absolute address.
In case, the base address of the process
changes the we need to load the process again.
Execution Time:
Now, Instructions are loaded into mem.
and processed by CPU. Extra memory may be allocated
or deallocated. Process is used if the process can be moved
from one memory to another during execution
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which is know as dynamic linking. Dynamic linking is done during run-time or at the load-time.