

Problem(1):

1. There are 2 phases in the program design process:

- Problem Solving phase.
- Implementation phase.

2. State the difference.

a) Main Memory stores instructions and data

When a program is running while the Secondary memory stores data and Instructions between sessions.

b) Compilers translate high-level languages to machine language for the computer to understand.

While Linkers combine the object code for the programs and pre-compiled routines into the machine language program the CPU can run

c) Random Access Memory (RAM) Can directly

Access any memory location. However, Sequential requires searching through other items first to acquire Data.

3) Operating System (OS) allows users to communicate with the Computer

(It is also responsible for responding to user requests to run other programs).

~~Types
of OS~~

Windows, Linux, and Macintosh.

Problem 2

	Q.	rem		Qno.	Rem
50/2	18	0		105/2	54
48/2	9	0		54/2	27
9/2	4	1		27/2	13
4/2	2	0		13/2	6
2/2	1	0		6/2	3
1/2		1		3/2	1
				1/2	1

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