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School of Computing and Information Technologies

## PROGCON - CHAPTER 3

CLASS NUMBER:

SECTION: AC192

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## PART 1: Identify the following.

- Go to -less programming. A name to describe structured programming, because structured programmers do not use a "go to" statement. *Go to - Less Programming*
- While...do (while) loop. A process continues while some condition continues to be true. *While...do (while loop)*
- stacking structures. Act of attaching structures end to end. *stacking structure*
- nesting structures. Act of placing a structure within another structure. *Nesting Structure*
- Repetitions and iteration. Alternate names for a loop structure.
- if-then-else. Another name for a selection structure.
- Selection structures (decision structures). Ask a question and, depending on the answer, take one of two courses of action. Then, no matter which path you follow, continue with the next task.
- Structure. Basic unit of programming logic; each structure is a sequence, selection, or loop.
- Null case (null branch). Branch of a decision in which no action is taken.
- Sequence structure. Contains a series of steps executed in order. A sequence can contain any number of tasks, but there is no option to branch off, skipping any of the tasks.
- Loop structure. Continue to repeat actions while a test condition remains true.
- One alternative if-then. Define one action to be taken when the tested condition is true, and another action to be taken when it is false.
- End structure statement. Designates the end of a pseudocode structure.
- Block. Group of statements that executes as a single unit.
- Unstructured programs. Programs that do not follow the rules of structured logic.
- Structured programs. Programs that follow the rules of structured logic.
- Loop body. Set of actions that occur within a loop.
- Spaghetti code. Snarled, unstructured program logic.
- Primary input (primary read). Statement that reads the first input data record prior to starting a structured loop.
- Single-alternative if. Take action on just one branch of the decision.
- (single alternative selections)