

#23 $(O)_{x2} = 120$ Checked by: Niel:

School of Computing and Information Technologies

PROGCON - CHAPTER 2

SECTION: AC-192 23 CLASS NUMBER: DATE: 11 08 19 NAME: STEGFRED Y. TESALUNA JONE PART 1: Identify the following. Data type 1 A classification that describes what values can be assigned, how the variable is stored, and what types of operations can be performed with the variable. Hierarchy chart 2. A diagram that illustrates modules' relationships to each other. Deta Pictionary 3 A list of every variable name used in a program, along with its type, size, and description. Functional Cohesion 4 Ameasure of the degree to which all the module statements contribute to the same task. 5. A message that is displayed on a monitor to ask the user for a response and perhaps explain Prompt how that response should be formatted. 6. A module that can more easily be reused in multiple programs. Portable Floating Point 7 Anumber with decimal places. identifier 8. A program component's name. numeric constant 9. A specific numeric value. Declaration 10. A statement that provides a data type and an identifier for a variable. Hongarian notation 12. A variable-naming convention in which a variable's data type or other information is stored as part of its name. integer - 12. A whole number. ginary operator + 13. An operator that requires two operands—one on each side. magic number 14. Aprennamed constant whose purpose is not immediately apparent. Assignment Statement 15. Assigns a value from the right of an assignment operator to the variable or constant on the left Assignment operator.

Alphanumuic valus 16. Carr contain alphabetic characters, numbers, and punctuation. Neywords 17. Constitute the limited word set that is reserved in a language. module body 18. Contains all the statements in the module. Annotation Symbol 19. Contains information that expands on what appears in another flowchart symbol; it is most often represented by a three-sided box that is connected to the step it references by a dashed Set - documenting 20. Contains meaningful data and module names that describe the program's purpose.

Kast accordability and is graciativity Describe operators that evaluate the expression to the right first. 2. Describes data that consists of numbers. Describes operators that evaluate the expression to the left first. 24. Describes the extra resources a task requires. Order of operation 25. Describes the rules of precedence. in scope 26. Describes the state of data that is visible. Garbage 27. Describes the unknown value stored in an unassigned variable. 28. Describes variables that are declared within the module that uses them. Local 28. Describes variables that are known to an entire program. Global Rules of preaduce 30. Dictate the order in which operations in the same statement are carried out. External documentation 31. Documentation that is outside a coded program. Internal downertakion 32. Documentation within a coded program. Real numbers 33. Floating-point numbers. two-of-job tasks 34. Hold the steps you take at the end of the program to finish the application. Huskeeping tasks 35. Include steps you must perform at the beginning of a program to get ready for the rest of the detail loop tasks 36. Include the steps that are repeated for each set of input data. Module's header 37. Includes the module identifier and possibly other necessary identifying information. lower camel casing 38. Is another name for the camel casing naming convention. 39. Is sometimes used as the name for the style that uses dashes to separate parts of a name. Kehab case Mobiles return statements. Marks the end of the module and identifies the point at which control returns to the program or module that called the module. Numeric Variable 41. One that can hold digits, have mathematical operations performed on it, and usually can hold a decimal point and a sign indicating positive or negative. 42. Runs from start to stop and calls other modules. named constant 48. Similar to a variable, except that its value cannot change after the first assignment. 44. Small program units that you can use together to make a program; programmers also refer to Modules medules as subroutines, procedures, functions, or methods. (Initializing & width 48. The act of assigning its first value, often at the same time the variable is created. 46. The act of containing a task's instructions in a module. Encapsulation Functional Allompsition 47. The act of reducing a large program into more manageable modules. 48. The act of repeating input back to a user either in a subsequent prompt or in output. echoing input Assignment operator 49. The equal sign; it is used to assign a value to the variable or constant on its left. 50. The feature of modular programs that allows individual modules to be used in a variety of Reusability applications.

function correctly.

Canal casing 52. The format for naming variables in which the initial letter is lowercase, multiple-word variable

names are run together, and each new word within the variable name begins with an uppercase

(Asing 53. The format for naming variables in which the initial letter is uppercase, multiple-word variable names are run together, and each new word within the variable name begins with an uppercase

Mainline Logic 54. The logic that appears in a program's main module; it calls other modules.

55. The memory address identifier to the left of an assignment operator.

Modularization 56. The process of breaking down a program into modules.

Abstraction 57. The process of paying attention to important properties while ignoring nonessential details.

58. To use the module's name to invoke it, causing it to execute.

Program 1-00 59. Where global variables are declared.

Program comments 60. Written explanations that are not part of the program logic but that serve as documentation for those reading the program.

Choose from the following

1. Abstraction 22. Hierarchy chart -2. Alphanumeric values 23. Housekeeping tasks 3. Annotation symbol 24. Hungarian notation 4. Assignment operator 25. Identifier 5. Assignment statement 26. In scope 6. Binary operator 7. Call a module 28. Integer 8. Camel casing

9. Data dictionary 30. Kebab case 10. Data type 31. Keywords 11. Declaration

12. Detail loop tasks

13. Echoing input 14. Encapsulation

15. End-of-job tasks

16. External documentation

17. Floating-point 18. Functional cohesion

19. Functional decomposition

20. Garbage 21. Global

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27. Initializing the variable 29. Internal documentation 32. Left-to-right associativity 33. Local 34. Lower camel casing 38. Lvalue 36. Magic number 37. Main program 38. Mainline logic

39. Modularization

41. Module header

42. Module return statement

40. Module body

43. Modules 44. Named constant 45. Numeric 46. Numeric constant (literal numeric constant) 47. Numeric variable 48. Order of operations 49. Overhead 50. Pascal casing 51. Portable 52. Program comments 53. Program level 54. Prompt 55. Real numbers 56. Reliability 57. Reusability 58. Right-associativity and right-to-left associativity

59. Rules of precedence

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60. Self-documenting



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CLASS NUMBER: 23

PROGCON - CHO2



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SECTION: AC-192

NAME: JONE GLEGFRED Y. TESALUNA DATE: 11/08/19 PART 2: Identify whether each variable name is valid, and if not explain why. a) Age Valid in variable name, only underscore is allowed and no other special characters in this situation, there is an asterisk which makes the variable involved. It is invalid because it started with a plus sign. According to variable runing rules, A variable can only start with underscore or an alphabet, that is Invalid what makes this variable invalid. Valid Valid Valid Invalid - According to variable nating rule, A variable cannot start with a number or numeric value like 1, 2, 3. And in this given variable, it started with number that is why it is invalid. Invalid - No other special character or spaces is allowed in naming a variable according to the variable naming rules which makes the given variable invalid because it has space on it.

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