QUIZ

#QUIZ TOPICS

1 Definition and importance of debugging

Debugging is a computer engineering process that identifies, isolates and corrects or determines the best way to work around a problem in applications

2 Differentiate between syntax,runtime,logic,operator precedence,variables bindings and type

syntax -> refers to the grammatical rules of a programming language. Runtime is the period when a program is actively executing

runtime->refer to the time a program takes to execute, the environment in which a program runs, or the software that facilitates program execution.

logic-> Logic refers to the reasoning or sequence of steps a program uses to solve a problem.

operators precedence->determines the order in which operators are evaluated in an expression.

variables bindings-> is the association of a variable name with its value, location, or type.

type error->

3 How print statements and IDE debuggers aid in the debugger process

By placing print statements at key points in the code, you can quickly check variable values, execution paths, and potential issues without setting up complicated tools or studying lengthy logs.

3 What is the common cause of syntax error in python?

-> [a] incorrect use of operators

4 How does operator precedence after calculations?

-> [a] It determines the order operations are performed