

Which phase of an agile approach would define a hypothesis to find a problem in a program? - ANSWER-Testing

Which phase of an agile approach would create an executable program? - ANSWER-Implementation

Which phase of an agile approach would create a list of components needed to build an online auction site? - ANSWER-Design

Which phase of a waterfall approach defines a program's goals? - ANSWER-Analysis

After a programmer is done writing a program, another person runs the program hundreds of times, each time with different input, checking that each run yields correct output.

Which phase of a waterfall approach is the person carrying out? - ANSWER-Testing

A programmer decides a program should convert U.S. units to metric units and decides to write the program in C++ using several functions.

Which phase of a waterfall approach is occurring when the programmer starts writing the program? - ANSWER-Implementation

A company has a new project it wishes to implement to track and analyze employee and customer interactions. The company leadership determines that the system should support direct data entry as well as automated data capture of phone calls and emails.

Which phase of the waterfall process is occurring? - ANSWER-Analysis

A programmer shows a program's first version to a customer. The customer provides feedback, which causes the programmer to change the goals of the program.

In which phase of an agile approach are goals changed based on customer feedback? - ANSWER-Analysis

describes a singular goal of one user and briefly outlines how they will accomplish the goal →
Pseudocode - ANSWER-False

Text that resembles a program in a real programming language but is simplified to aid human understanding. → while loop - ANSWER-False

Variable type that can hold whole numbers. → integer - ANSWER-True

Each item in an array. → Index - ANSWER-False

Occurs at runtime if a divisor is 0, causing a program to terminate. → function definition - ANSWER-False

evaluates to the remainder of the division of two integer operands. $r: 2 \% 10$ is 3. → modulo operator - ANSWER-True

Checks how one operand's value relates to another. For example, $\geq$. → floating-point number - ANSWER-False

A special variable having one name, but storing a list of data items, with each item being directly accessible. → Array - ANSWER-True

The difference threshold indicating that floating-point numbers are equal. → Expression - ANSWER-False

A program puts that data somewhere, such as to a file, screen, network, etc. → input - ANSWER-False

A list of statements executed by invoking the function's name, with such invoking known as a function call. → Program - ANSWER-False

Text a programmer adds to a program, to be read by humans (other programmers), but ignored by the program when executing. → comment - ANSWER-True