

1. What is programming?

Select the best option from the choices below to come up with a good definition for programming.

1. Programming is the idea/process of designing/producing a set/list of protocols/instructions written in code/symbols to make a computer/machine perform/entertain a specified/difficult problem/task.
2. Using a computer language/set of icons such as Basic/Windows the programmer can control/help what the computer thinks/does.

2. Rewrite the following programming steps in the correct order:

1. Compile the program
2. Write the code
3. Provide documentation
4. Analyse the problem
5. Get feedback from the users
6. Design the program
7. Test and correct the program
8. Train the users

3. Match the definitions on the right to the corresponding basic programming terms on the left.

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| 1. algorithm | a. The process of writing instructions in a specific programming language |
| 2. comments | b. A method to solve a problem systematically step by step |
| 3. variable | c. The graphical representation of an algorithm |
| 4. data | d. Serve to explain other parts of the program |
| 5. coding | e. Consists of a name, memory address and a value |
| 6. debugging | f. Finding, analysing and correcting errors in a program |
| 7. structogram/
flowchart | g. Information whose meaning has been agreed upon |