

Question 1: (12 points) In the scope of technical English words give the correct word for the following definitions:

1. a sequence of instructions set to be repeated a specified amount of times until a condition is met. **for loop**
2. a sequence of instructions set to continue until a certain expression is false. **While loop**
3. a symbol that represents an arithmetical calculation. **operator**
4. representation of a plan or theory in the form of an outline or model. **shema**
5. a string that describes or matches a set of strings, according to certain syntax rules. **Regular expression**
6. usable only in a limited section of program text such as a function. **Local scope**
7. a level or point at which something would happen, would cease to happen, or would take effect, become true, etc . **threshold**
8. commercial software packages that enable the integration of transactions-oriented data and business processes throughout an organization. **ERP**
9. most efficient way of accounting for various transactions and managing different processes. **Best practice**
10. find source of leaks of proprietary data. **Tracing traitors**
11. authorized user who allow other to obtain data. **traitor**
12. Non-authorized user who gain access to data. **attacker**

Question 1: (8 points) Define the following technical words in the scope of programming.

1. Variable. **a symbol used to represent data which can be changed while the program is running.**
2. String. **a series of letters and/or numbers**
3. Array: **a data structure such as a variable that holds other variables in a particular order;**
4. If/else statement. **a decision making process wherein a block of code may or may not be executed based on pre-existing condition.**