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Period 2
APCS
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Vocabulary 2

1. When an iterator is forced to increment more than allowed in a for loop, an out of bounds exception will be thrown.
2. If there's an error in a branch of code, an exception will be thrown and the program will crash.
3. If the value that a pointer refers to is not there or corrupted, an exception will be thrown and the program will crash.
4. If you encounter an exception when running the code, you should draw a tree data structure to try and analyze where the error is.
5. If a sine function in the program is written incorrectly, an exception will be thrown and the program will crash.
6. Working with complex numbers in programming is difficult, and it is more likely you will encounter more exceptions due to errors.
7. The iterator in a branch of code is incremented a certain value through every iteration.
8. The pointer's value may change as the iterator changes value through a for loop.
9. An iterator in a for loop can be used at different places in the tree data structure.
10. An iterator can be used to keep track of the x value in a sine function.
11. An iterator can be useful in keeping track of how many complex numbers have been created in a for loop.
12. A pointer can refer to a value in a different branch of the code.
13. A tree shows the entire code's data structure, while a branch refers only a portion of the code.
14. A sine function can be encapsulated inside a for loop that branches off from the main code.

15. A program to create complex numbers may branch off to another part of code that has been encapsulated for efficiency.
16. Looking at a tree can be helpful in determining the location in memory that a pointer references.
17. If the values of a sine function are stored in the memory, we can access it with a pointer.
18. We can store a complex number at a certain location in the memory and access it later through the use of a pointer.
19. We can track a sine function's program counter more easily by looking at the program's tree.
20. It may be wise to keep complex numbers in a certain part of the tree so that the code is more organized.
21. The parameter of a sine function does not allow complex numbers because the axises of a sine function are in radians.