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Period 2

APCS

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### Vocabulary 11

1. (try - catch) A try block must have a catch block.
2. (try - finally) A try block can also have a finally block.
3. (try - error) A try block may have errors in it, and the catch block will catch the error.
4. (try - compile time error) A compile time error is a type of error that could occur in the try block.
5. (try - run time error) A run time error could also occur in a try block.
6. (try - error correction code) A try block may have an error, and the catch block may have error correction code that catches the error and fixes it.
7. (catch - finally) The catch and finally blocks are both very good for exception handling, but the finally block allows the programmer to avoid having cleanup code accident bypassed by a return, continue, or break.
8. (catch - error) The catch block can catch all types of errors.
9. (catch - compile time error) The catch block can be programmed to only catch compile time errors.
10. (catch - run time error) The catch block can also be programmed to only catch run time errors.
11. (catch - error correction code) The catch block can have error correction code which detects and corrects errors within bits.
12. (finally - error) The finally block is executed no matter what error occurs in the try block.
13. (finally - compile time error) The finally block is executed even if a compile time error occurs.
14. (finally - run time error) The finally block is executed even if a run time error occurs.
15. (finally - error correction code) The finally block can hold error correction code to correct any errors that occurred in the try block.

16. (error - compile time error) A compile time error is a type of error that occurs when the program is compiled.
17. (error - run time error) A run time error is a type of error that occurs at run time.
18. (error - error correction code) Error correction code is a scheme for detecting and correcting errors within the bits being transferred.
19. (compile time error - run time error) Compile time errors occur during compile time while run time errors occur during run time.
20. (compile time error - error correction code) Error correction code could include code that corrects compile time errors.
21. (run time error - error correction code) Error correction code could include code that corrects run time errors.