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AP Computer Science

Vocab Week 2

Words:

Exception

Iterator

Branch

Pointer

Tree

Sine function

Complex Number

Sentences:

1. Any object implementing the interface Iterator can throw exceptions such as UnsupportedOperationException and IllegalStateException.
2. If there is an exception in the production branch, the programmer needs to fix it in both the production branch and the development branch.
3. When a program calls an object with a null pointer, Java throws an exception
4. There is an exception thrown when a tree is made with infinitely many nodes
5. The sine function throws an exception when a string is inputted instead of a double.
6. If a complex number is put in a method that takes String as an argument, Java will throw an exception.
7. If an iterator in the production branch does not work, the programmer needs to fix it in both the production branch and the development branch.
8. When an object implementing Iterator is initialized, at first the pointer is null.
9. It is necessary to build an iterator to traverse the binary tree.
10. An iterator needs to be built to apply the sine function to all the nodes in a tree.
11. An iterator needs to be built to find the conjugate of all the complex numbers in the nodes of a tree.
12. He had a null pointer in his production branch.
13. He messed up the tree in the development branch and had to start over
14. The programmer made a new branch to change the sine function to a cosine function
15. The programmer made a new branch to make the product accept complex numbers.
16. The pointer to the tree was passed around.
17. You cannot apply the sine function to a pointer.
18. The pointer pointed to a complex number.
19. He applied the sine function to all the nodes in the tree.
20. He took the conjugate of all the complex numbers on the tree
21. The sine function will not take a complex number as an argument.