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Assignment UML Diagram

class Graph:
- self.vertices
- self.edgelist

- + hasVertex
- + vertexCount
- + getvertex
- + addvertex
- + addedge
- + displaygraph
- + dfs
- + getweight
- − depthfirst

class storeIO:
- self.graph

- + locationOverview
- + findDistance
- + productsearch
- + inventorySearch
- + parseOrder
- + inventoryList
- + findPath

class DoublyLinkedList
- self.head

- + _iter_
- + peek
- + isEmpty
- + push
- + insertAtStart
- + insertAtEnd
- + count
- + removeAtStart

class Edge:
- self.n1
- self.n2
- self.weight

class Node
- self.data
- self.next
- self.prev

- + getValue
- + _str_

class Vertex:
- self.label
- self.neighbalist
- self.visited

- + getlabel
- + getAdj
- + addEdge
- + _str_

class iterate
- self.our

- + _next_