

What data structure is commonly used for directory structures in file systems?

Define a leaf node

What is the condition called when trying to dequeue from an empty queue?

What is the primary advantage of using a linked list over an array?

What type of traversal processes the root node before its subtrees?

What type of linked list contains a pointer to both the next and previous nodes?

**What is the key
characteristic of an ADT?**

**How is the depth of a
node in a tree calculated**

**Where are queues
commonly used in
computer systems?**

**If the elements '1', '2', '3'
and '4' are inserted in a
stack, what would be
order of removal?**

