1.Reflection

- A stack follows **LIFO (Last In, First Out)**.

- This means the most recent item added is the first to leave.

- Because of this, the stack does **not respect the order of arrival**earlier items remain buried until later ones are removed.
  That's why stacks cannot manage arrival order properly.

2.a.Challenge

- **Linear Queue:** Once elements are dequeued, the freed space at the front cannot be reused. This leads to wasted space unless you shift items.

- **Circular Queue:** The front and rear are connected in a circle, so space is reused efficiently when items leave.
  For transport (like buses at a station), a **circular queue works better** because it cycles through slots fairly and avoids wasting space.

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2. b.Reflection

- A queue follows **FIFO (First In, First Out)**.

- The first person to arrive is the first to be served.

- This ensures **fairness**, because no one can jump ahead—service happens strictly in arrival order.
  That's why FIFO guarantees fairness for travelers.