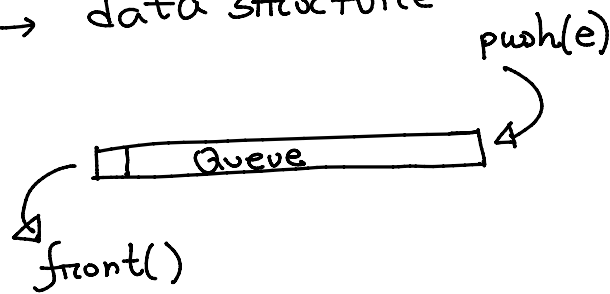


STL:

Queue \rightarrow data structure



All operations are done in $O(1)$ time!

Round Robin Scheduling Algorithm

$T=0$ $\begin{array}{|l} \hline A(150) - B(80) - C(200) - D(200) \\ \hline \end{array}$
 $T=100$ $\begin{array}{|l} \hline B(80) - C(200) - D(200) - A(50) \\ \hline \end{array}$
 $T=180$ $\begin{array}{|l} \hline C(200) - D(200) - A(50) \\ \hline \end{array}$
 $T=280$ $\begin{array}{|l} \hline D(200) - A(50) - C(100) \\ \hline \end{array}$
 $T=380$ $\begin{array}{|l} \hline A(50) - C(100) - D(100) \\ \hline \end{array}$
 $T=430$ $\begin{array}{|l} \hline C(100) - D(100) \\ \hline \end{array}$
 $T=530$ $\begin{array}{|l} \hline D(100) \\ \hline \end{array}$
 $T=630$ $\begin{array}{|l} \hline \\ \hline \end{array}$

$q = 100$

B 180

A 430

C 530

D 630

Second Thread

Enrichito