CSC 552 Banker's Algor PDt Set 12
Slide 13:

$$
\begin{array}{r}
\text { Work } \left.\left.=\text { Available }=\left[\begin{array}{lll}
1 & 1 & 0
\end{array}\right] \quad \begin{array}{c}
\text { Finish } \\
\text { No process i s.t. Need }<\text { Work } \\
Q
\end{array}\right] \begin{array}{l}
R
\end{array}\right]
\end{array}
$$

Un sate

$$
\begin{aligned}
& \text { Slide 14: } \quad \omega_{\text {ark }}=\left[\begin{array}{lll}
2 & 1 & 1
\end{array}\right] \\
& \text { help }<\text { Work } \\
& \omega_{\text {or }} x=\text { Allocp }+\left[\begin{array}{lll}
0 & 1 & 0
\end{array}\right] \\
& \text { Finish }=\text { true } \\
& \mathrm{NaO}_{Q}<\text { Work }+\left[\begin{array}{lll}
2 & 0 & 0
\end{array}\right] \\
& \text { Finish }_{Q}=\text { true } \\
& \overline{\text { Neal }^{2}<W_{\text {work }}}+\left[\begin{array}{lll}
2 & 0 & 1
\end{array}\right] \\
& \text { Finish }_{R}=\text { true } \\
& =\left[\begin{array}{lll}
6 & 2 & 2
\end{array}\right] \text { Sate } \\
& \begin{array}{l}
\text { watery Sequence } \\
{[P Q R]}
\end{array}
\end{aligned}
$$

Slide 15: Assume Ris request is granted work $=\left[\begin{array}{lll}1 & 1 & 0\end{array}\right]$
Slide 16 - No allocation possible -request canst be granted

| Slide 21: Work | $=\left[\begin{array}{lll}0 & 0 & 0\end{array}\right]$ | Finish |
| ---: | :--- | ---: |
|  | $+\left[\begin{array}{lll}0 & 1 & 0\end{array}\right]$ | $P_{0} * t$ |
| $P_{0}$ ok |  | $\left[\begin{array}{lll}0 & 1 & 0\end{array}\right]$ |

