



```

1 \begin{tikzpicture}[->, >=stealth', auto, semithick, node distance=3cm]
2 \tikzstyle{every state}=[fill=white,draw=black,thick,text=black,scale=1]
3 \node[state] (A) {\$S\$};
4 \node[state] (B)[right of=A] {\$6\$};
5 \node[state] (C)[right of=B] {\$62\$};
6 \node[state] (D)[right of=C] {\$626\$};
7 \path
8 (A) edge[loop below] node{} (A)
9 edge node{} (B)
10 (B) edge node{} (C)
11 edge[loop below] node{} (B)
12 edge[bend right] node{} (A)
13 (C) edge node{} (D)
14 edge[bend right] node{} (B)
15 edge[bend right=40] node{} (A);
16 \end{tikzpicture}

```