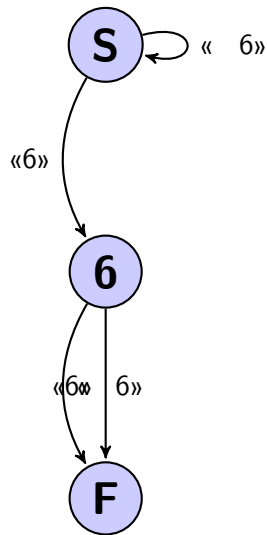


```

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}

```



```

1  \begin{tikzpicture}[->,>=stealth',shorten >=1pt,auto,node distance=3cm,
2    thick,main node/.style={circle,fill=blue!20,draw,
3    font=\sffamily\Large\bfseries}]
4
5  \node[main node] (S) {S};
6  \node[main node] (6) [below of=S] {6};
7  \node[main node] (66) [below of=6] {F};
8
9  \path[every node/.style={font=\sffamily\small}]
10    (S) edge [loop right] node {«He 6»} (S)
11        edge [bend right] node[left] {«6»} (6)
12    (6) edge [bend right] node[right] {«He 6»} (66)
13        edge [above] node[left] {«6»} (66);
14 \end{tikzpicture}

```