

Exercise 2.3.1

NFA Transition Table

	0	1
$\rightarrow p$	$\{p, q\}$	$\{p\}$
q	$\{r\}$	$\{r\}$
r	$\{s\}$	\emptyset
$*s$	$\{s\}$	$\{s\}$

DFA Transition Table from given NFA

	0	1
$\rightarrow p$	$\{p, q\}$	$\{p\}$
$\{p, q\}$	$\{p, q, s\}$	$\{p, r\}$
$\{p, r\}$	$\{p, q, r, s\}$	$\{p, r\}$
$*\{p, q, s\}$	$\{p, q, s\}$	$\{p, r, s\}$
$*\{p, r, s\}$	$\{p, q, s\}$	$\{p, s\}$
$*\{p, s\}$	$\{p, q, s\}$	$\{p, s\}$
$*\{p, q, r, s\}$	$\{p, q, r, s\}$	$\{p, r, s\}$

