Indexing Rules

idx7.p

```
/* idx7.p */

for each student where phone = "3125882300"
                   and student-id gt 7
                   and student-id le 12:
   display postal-code student-id sfirst-name slast-name.
end.
```

Index	phone	student-id (pu)
Comp.	phone	student-id
WIC		
AEM	1	0
ARM	0	2
ACE	Y	N
SM	0	0

idx8.p

```
/* idx8.p */

for each student where postal-code = "60606"
                   and sfirst-name = "Dan":
   display postal-code student-id sfirst-name slast-name.
end.
```

Index	name		postal-code
Comp.	slast-name	sfirst-name	postal-code
WIC			
AEM	0	0	1
ARM	0	0	0
ACE	N		Y
SM	0	0	0

Indexing Rules

idx7.p

```
…SEARCH school.student phone
```

■ **Phone** is the only index used since **student-id** is involved in a range match, not an equality match.

idx8.p

```
…SEARCH school.student postal-code
```

■ **Postal-code** is the only index used since **sfirst-name** is not the leading component of the **name** index.