

Root Array:

...	105	279	498	715	...

**SELECT \***  
**FROM R**  
**WHERE**  
**R.A  $\geq$  250**  
**AND**  
**R.B  $<$  800**

point  
query  
at 250

105	
140	
120	
172	
248	
176	
199	
264	
249	
273	
267	

289	
316	
344	
439	
449	
456	
496	
279	
389	

557	
579	
635	
577	
498	
550	
639	
505	

727	
764	
715	
725	
902	
765	
814	
966	
998	
918	

point  
query  
at 800