

In the case of this production, grammar specifies the semicolon and end bracket as valid end points. Thus after that point, compilation can begin again and everything would be okay. In developing these scan sets, we look at each of the productions, look at the point that can be scanned to, find its end , and restart compilation. The ; and } come from the production of

$$S \rightarrow a_{12}S_L a_{13}a_7C|a_{12}S_L a_{13}a_8C|$$

$$S \rightarrow a_{18}I_L a_{19}a_{18}E_L a_{19}a_{20}|a_{12}S_L a_{13}i_d a_9 a_{14}E a_{10}E a_{15}|$$

$$S \rightarrow a_{12}I_L a_{13}a_3|a_{18}I_L a_{19}a_4|a_5|a_6$$