## Question

Write a program to check the syntax of **for** *statement in C* using the concept of array. In the program you should check the syntax of for loop basically with respect to parenthesis, semicolon and coma symbols that appear in the statement.

*Some of the valid statements are:*

for(;;i++);

for(;;i++)

for(i=0;i<10;i=(i+5))

for(i=0;i<10;i=(i+5));

for(i=0;i<10;i++)

for (i=0,j=20;(i<10 && j>0); i++,j-=2)

for (i=0,j=20;(i<10 && j>0); i++,j-=2);