

The objective of this brief Q+A exercise is to identify main issues related to verification a CNC program.

#	Question	Answer
1	List the two types of common errors and explain their differences	
2	What are the two major measures a programmer can take to help avoid programming errors?	
3	Provide an example of a syntax error that involves an illegal character	
4	What are the most common calculation errors in CNC programming?	
5	Name the most important measures to prevent programming errors	

6	If a coolant is missing in the program but required for machining, what is the best corrective action at the machine?	
7	What are the methods available for graphic verification of CNC programs?	
8	<p>There are several errors in the following program. Identify the errors and write a new program with corrections:</p> <pre> N1 G21 N2 G17 G40 G80 M06 N3 G00 X120.0 Y50 S1550 M03 N4 G43 Z10.0 M08 N5 G82 R2.0 Z-15.65 F150.0 N6 X10.0 Y15.0 L5 N7 G80 Z10.0 M09 N8 G28 Z0 M05 N9 M30 %</pre>	