

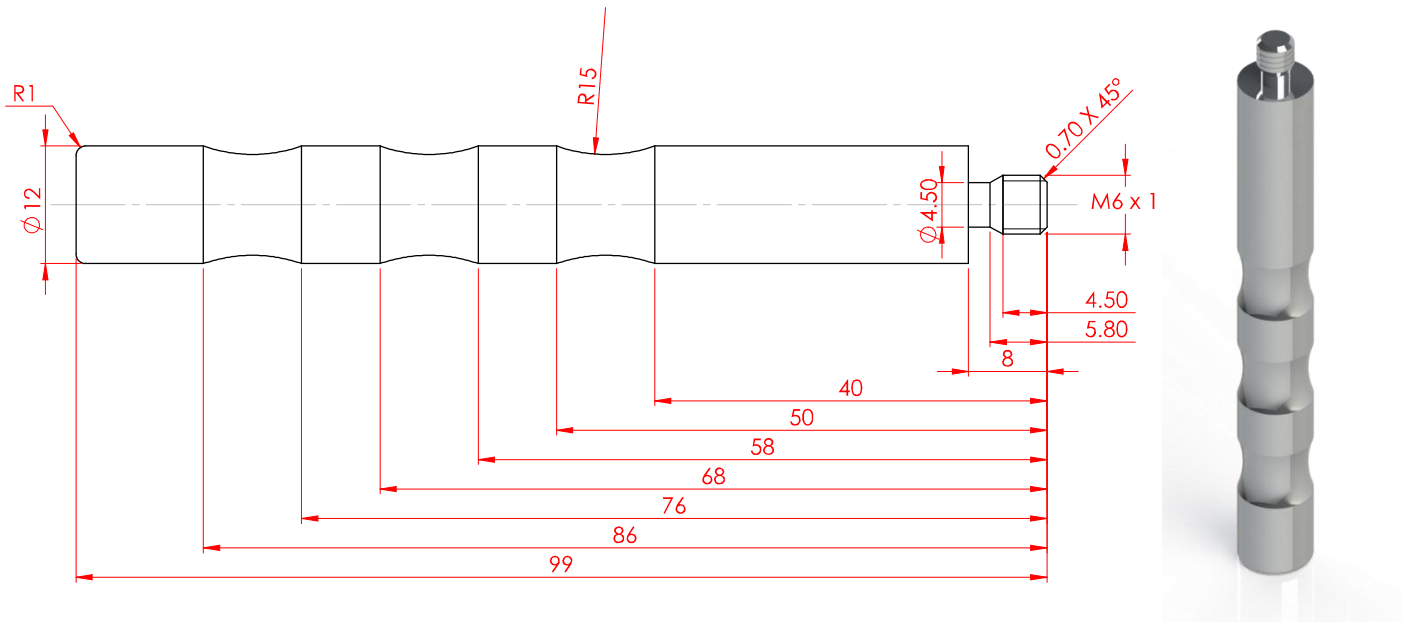


Homework-2

Student Name: _____

Grade: $\frac{-}{5}$

Write a word address program in **absolute mode** to execute the operations shown in the figure below. Use CNC tool and operations sheet given.



Setup notes:

1. Raw material dimension: $\varnothing 15 \times 105$.

CNC TOOL AND OPERATIONS SHEET

Tool	Operation	Tooling	Constant cutting speed	Speed(rpm)	Feed (mm/rev)
2	Facing	Right hand tool	180	-	0.1
2	Rough Turning	Right hand tool	180	-	0.15
2	Finishing	Right hand tool	240	-	0.1
4	External Threading	External thread tool right	-	500	1.5



SEQUENCE NUMBER	Word address command	Meaning
N5		
N10		
N15		
N20		
N25		
N30		
N35		
N40		
N45		
N50		
N55		
N60		
N65		
N70		
N75		
N80		
N85		
N90		
N95		
N100		
N105		
N110		
N115		
N120		
N125		
N130		
N135		
N140		
N145		
N150		
N155		
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N165		
N170		
N175		
N180		
N185		
N190		
N195		
N200		
N205		
N210		
N215		
N220		

