

Problem # 11 : * IPO Chart

INPUT	Process	Output
num1 num2	<ul style="list-style-type: none"> $a = \text{num1}$, $b = \text{num2}$ Check $b \neq 0$ IF 'Y' THEN <ul style="list-style-type: none"> $\text{temp} = b$ $b = a \% b$ $a = \text{temp}$ REPEAT IF N THEN <ul style="list-style-type: none"> a is HCF If $a = 1$ THEN <ul style="list-style-type: none"> num1 & num2 are coprime Else <ul style="list-style-type: none"> not coprime 	num 1 & num coprime not coprime

* Flowchart

