

## Boiling Curve Planning

Variables:

m

y

y0

y1

x0

x1

excessTemp

Step 1:

get excess temp from user

Step 2:

Determine which values to use for y0, y1, x0, and x1 based on the excess temperature

Step 3:

Calculate m

Step 4:

Calculate y

Step 5:

Output found value

Test Cases:

Input	Output	Type
0	"Surface heat flux is not available"	Edge
1	"Surface heat flux is not available"	Edge
1.3	1000	Typical
10	55828	Typical
30	1500000	Typical
50	331798	Typical
120	25000	Typical
500	316241	Typical
1200	1500000	Typical
3000	"Surface heat flux is not available"	Edge