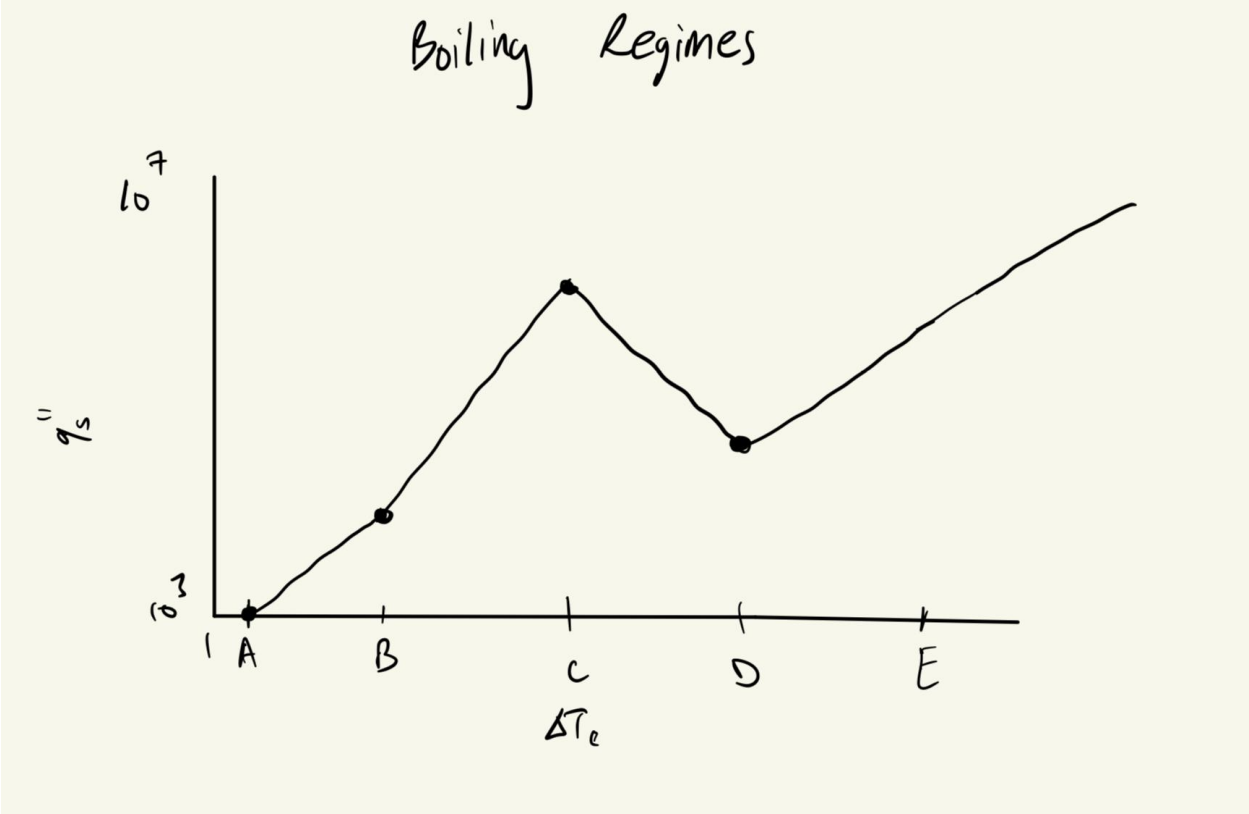

Variables:

- XA = x value of A
- XB = x value of B
- XC = x value of C
- XD = x value of D
- XE = x value of E
- YA = y value of A
- YB = y value of B
- YC = y value of C
- YD = y value of D
- YE = y value of E
- mAB = slope from point A to B
- mBC = slope from point B to C
- mCD = slope from point C to D
- mDE = slope from point D to E
- xEst = excess temperature
- yEst = surface heat flux approximation

Sequence of steps:

- Ask for values of xEST, and turn them into floats

- Assign variable values (XA, XB, XC, XD, XE, YA, YB, YC, YD, XE)
- Calculate the slope using m = log(Y1 / Y0) / log(X1/X0)
    - Separate into point segments
- Calculate the surface heat flux using y = Y0 (xEst / X0) ^ m and functions
    - Create if statements to know which slope to use
- Print statement

Test cases:

- Typical 1:
    - Excess temperature: 30
    - Output: The surface heat flux is approximately 1500000 W/m^2
- Typical 2:
    - Excess temperature: 15
    - Output: The surface heat flux is approximately 188079 W/m^2
- Typical 3:
    - Excess temperature: 6
    - Output: The surface heat flux is approximately 12086 W/m^2
- Typical 4:
    - Excess temperature: 79
    - Output: The surface heat flux is approximately 85931 W/m^2
- Typical 5:
    - Excess temperature: 400
    - Output: The surface heat flux is approximately 212666 W/m^2
- Typical 6:
    - Excess temperature: 1000
    - Output: The surface heat flux is approximately 1084664 W/m^2
- Typical 7:
    - Excess temperature: 148
    - Output: The surface heat flux is approximately 36299 W/m^2
- Edge 8:
    - Excess temperature: -10
    - Output: Surface heat flux is not available
- Edge 9:
    - Excess temperature: 2000
    - Output: Surface heat flux is not available
- Edge 10:
    - Excess temperature: 0
    - Output: Surface heat flux is not available