JavaScript – Lab 4: Heating/Cooling

Assigned: 10/13/22

Due: 10/17/22

Completed: 10/15/22

<https://lms.grandcircus.co/mod/assign/view.php?id=22726>

<https://docs.google.com/document/d/1cCswsfkpLeZIyDOtNp00SIpSymP7AmUBo7sLdm-n3No/preview#heading=h.baeqzst213q5>

**Skills:** Conditions

**Heating/Cooling:** Define two variables: actualTemp and a desiredTemp. Write conditionals to tell the heating & cooling system what to do. Log one of these three things: Run A/C, Run heat, or Standby.

**Extended Challenge:** Start with two variables: tempCelsius (a number) and targetUnit (a string, either “C”, “F”, or “K”). Write a switch statement that checks the targetUnit and logs the temperature converted to that unit. Notes: K stands for Kelvin. C requires no conversion, print out the original temp.

**HTML:** Heating+Cooling.html

<script src="./Heating+Cooling.js"></script>

**JavaScript:** Heating+Cooling.js

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