Practice S01P02: Freezer Temperature (version 2)

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Unit 4, Exercise #6

Week of release: Week 3

Objectives: C Basics, data type, input/output, arithmetic operations, using Math function

Task statement:

Write a program **freezerV2.c** that estimates the temperature (in degree Celsius) in a freezer given the elapsed time (in hours and minutes) since a power failure.

Assume this temperature T is given by:

$$T = \frac{4t^{10}}{t^9 + 2} - 20$$

where *t* is the time since the power failure.

Your program should prompt the user to enter how long it has been since the start of the power failure in hours and minutes, both values integers.

Sample run:

```
Enter hours and minutes since power failure: 2 45
Temperature in freezer = -9.00
```