```c
/* hw 1.5 Write a program that estimates the temperature in a freezer (in °C) given the
elapsed time (hours) since a power failure. Assume this temperature (T) is given by
T = 4t^2/(t+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 whole
hours and minutes. Note that you will need to convert the elapsed time into hours. For example, if the user entered 2 30 (2 hours 30 minutes), you would need to convert this to 2.5 hours.
*/

#include<stdio.h>
#include<math.h>

int main()
{
    int hrs;
    double i,mins,t,f,T;

    printf("Enter the temperature in \370C just before power failure\n"); /* /370 is degree symbol */
    scanf("%lf",&i);

    printf("Enter the value of hours and  minutes respectively since the power failure\n");
    scanf("%d %lf",&hrs,&mins);

    t=hrs+mins/60.00;           /* example 2 hrs 20 min = 2+ 20/60=2.3 hrs */
    T= (4*pow(t,2)/(t+2)) -20;  /* temperature as a function of elasped time t hrs */
    f= i-T;                     /* final temperature */

    printf("The temperature of the freezer after %d hrs %.2f mins is %.2f \370C \n\n",hrs,mins,f);


    return 0;
}

```