

Speed question in C:

1. Reads the speed of a car from the user and the distance they want to travel, then calculates the time that is required to go from the first point to the second point. Remember the following equation:

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

2. Converts the time to hours and minutes (remember, an hour is 60 minutes), and prints the time in the format of hh:mm. You can ignore any fractions that remain.

The output of your program must be **exactly** as follows:

```
Please enter your car's speed in km/h: 80
Please enter the distance you want to travel in km: 956
The time you will need to cross the distance in this car
is 11.95.
This time equals to 11:56
```

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

int main()
{
    double s, d;
    printf("enter the value of speed in km/h\n");
    scanf("%lf", &s);
    printf("enter the distance in km\n");
    scanf("%lf", &d);
    double t= d/s;
    int hours= t;
    int minutes= (t-hours)*60;
    printf("The time required to travel this distance is: %02d:%02d\n", hours, minutes);
    return 0;
}
```

```
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ing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\LENOVO\Desktop\CodeBlocks_Projects\practice\bin\Debug\practice.exe"
cp\CodeBlocks_Projects\practice\.)
s terminated with status -1073741510 (0 minute(s), 6 second(s))

blocks_Projects\practice\main.c C/C++ Windows (CR+LF) WINDOWS-1256 Line 13, Col 27, Pos 271 Insert Read/Write
```