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#include <stdio.h>

#include <time.h>

int hournumber();

int daynumber();

int timetable();

void printline(char ch,int len);

main()

{

int chose;

printline('\*', 80);

printf("欢迎使用北京交通大学（威海）租车系统!\n\n");

printf(" 租车机器人 洛儿 向您问好！\n\n ヘ(\_ \_ヘ)\n\n");

char a[] = "I love you I love you I love you I l";

printf("\n");

printf("%\*.\*s\n", 58, 21, "\_\*=\_ \_=\*\_");

printf("%\*.\*s\n", 61, 25, "Welcome t o jiao da");

printf("%\*.\*s\n", 63, 29, "Welcome to u s e hire bike ST");

printf("%\*.\*s\n", 65, 33, a);

printf("%\*.\*s\n", 66, 35, a);

printf("%\*.\*s\n", 66, 35, a);

printf("%\*.\*s\n", 65, 33, a);

printf("%\*.\*s\n", 64, 31, a);

printf("%\*.\*s\n", 63, 29, a);

printf("%\*.\*s\n", 61, 25, a);

printf("%\*.\*s\n", 59, 21, a);

printf("%\*.\*s\n", 57, 17, a);

printf("%\*.\*s\n", 55, 13, a);

printf("%\*.\*s\n", 53, 9, a);

printf("%\*.\*s\n", 51, 5, a);

printf("%\*.\*s\n", 50, 3, a);

printf("%\*.\*s\n", 49, 1, a);

printf("请选择套餐类型：\n");

printline('\*', 80);

printf("┏(^ω^)=っ1、短期租车；\n");

printf("┏(^ω^)=っ2、长期租车。\n");

printf(" 骑车时请注意安全\n (°Д°≡°Д°)对！就是这样，记得左右看看！小心过往车辆呦！ \n");

printf("\n");

printline('~', 80);

printf("您选择的套餐为--请选择“1”或“2”。\n");

scanf\_s("%d", &chose);

if (chose == 1)

hournumber();

else if(chose == 2)

daynumber();

printf("时间为：\n");;

timetable();

printf("开始计时ヾ(´▽｀;)ゝ\n");

}

void printline(char ch,int len)

{

int i;

for (i = 1; i < len; i++) printf("%c", ch);

printf("\n");

}

int hournumber()

{

int minutes, number;

float charges;

printline('-', 80);

printf("\n\n 欢迎使用短时租车系统!\n");

printf(" (\*°▽°)ノ\n");

printf("租车条例（请仔细阅读）：\n ");

printf(" 1、1小时5元；\n ");

printf(" 2、2-6小时，价格=5元起步+每小时2元；\n ");

printf(" 3、6-24小时，价格=10元起步+每小时4元。\n");

printf("输入设备编码NUMBER NO.与 时间 MINUTES\n");

printline('-', 80);

scanf\_s("%d %d", &number, &minutes);

if (minutes <= 60)

charges = 5;

else if (minutes <= 360)

charges = 5 + ((float)minutes - 60) / 30;

else if (minutes <= 1440 && minutes > 360)

charges = 10 + ((float)minutes - 360) / 15;

printf("\n\n设备编码NUMBER NO：%d:应付 Charges=%.2f 元\n",

number, charges);

printf("主人，别忘了刷卡付钱。\n你要是不付钱就走人，我就，我就...\n报告老师！\n (((￣へ￣井)哼！\n");

if (minutes >= 1440)

printf("对不起，由于您超出使用时间，请携带有效证件至保安室，进行校园卡解锁，并缴纳罚金。");

return 0;

}

int daynumber()

{

int day, number;

float charge;

printline('-', 80);

printf("\n\n 欢迎使用长期租车系统！\n ");

printf("(\*￣０￣)ノ\n\n");

printf("您有3种套餐可供选择:\n");

printf("1、每日10元，不超过6日；\n");

printf("2、一周60元；\n");

printf("3、一月200元；\n");

printf("请输入设备编码，及租用时长：\n");

printline('-', 80);

scanf\_s("%d%d", &number, &day);

if (day <= 6)

charge =(float) day \* 10;

else if (day == 7)

charge = 50;

else if (day == 30)

charge = 180;

else

printf("对不起，套餐中无此内容！");

printf("\n\n设备编码 NUMBER NO:%d: 应付 Charge=%.2f元\n", number, charge);

printf("主人，别忘了刷卡付钱。\n你要是不付钱就走人，我就，我就...\n报告老师！\n (((￣へ￣井)哼！\n");

return 0;

}

int timetable()

{

int n ;

n = 0;

float data[10000000];

clock\_t a, b;

float cputime;

a = time(NULL);

for (int z = 0; z < 10000000; z++)

{

float f = 0;

for (int i = 0; i < n; ++i)

f += data[i];

}

b = time(NULL);

cputime = (float)(b - a);

printf("cuptime=%fmseconds\n", cputime);

for (int z = 0; z < 10000000; z++)

{

float f = 0;

for (int i = 0; i < n; ++i)

f += data[i];

}

return 0;

}