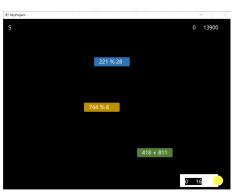
附件1:游戏界面



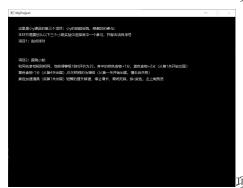
初始界面:



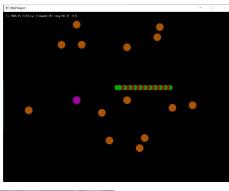
项目 2-1 界面示例:



项目 2-初始界面:



项目 3-2 界面示例:



项目 3-初始界面:

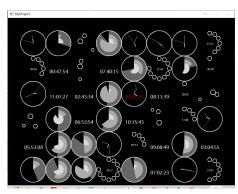




项目 5-初始界面:



□项目 5-2 界面示例:



项目 5-1 界面示例:

附件 4: 程序源代码

完整的代码如下:

源.cpp:

```
程序名:小 y 的课设作业
   版权: Copyright littley & LyIc
   作者:小y(欧博远)
   北京工业大学 210241 班 21024112 欧博远 2022.春 高级语言程序设计课设课程作品
   打包日期: 2022.5.2 若文件更改时间晚于此时间则文件无效。
   项目组成: (在项目 1 至 5 中,仅需参与任意一个*计*分*项目,非计分项目不算(下面标记为
#),项目4完成项目任务即可,1-4全部参与后解锁项目5,项目5参与完成后结束)
   项目 1: 小 y 的音游板 (提交的作业中不包含该项目)
   项目 2: 小 y 的翻牌实验
   项目 2-1: 小 y 的计算大师
                               项目 2-2: 小 v 的卡牌大师
   项目3: 小y的前庭后院
   项目 3-1: 小 y 的甜点派对
                                项目 3-2: 小 y 的庭院小蛇
   项目 4: 小 y 的概率论 (提交的作业中不包含该项目)
   项目 5: 小 y 的星河世界
   项目 5-1: 小 y 的幻想时空
                               #项目 5-2: 小 v 的星河之旅
   需要注意的问题:
   其中参与到课设作业的项目有: 2-1、3-2、3-3、5-1、5-2(包含有动态链表和/或文件记录的子
项目)
#include <graphics.h>
#include<conio.h>
#include<stdio.h>
#include<iostream>
   ama comment(lib "Winmm lib")
#define WIDTH 900
constexpr auto HEIGHT = 675;
#define PI 3.141592653589793238
#pragma warning(suppress: 4996)
#pragma warning(suppress: 4244)
//星星的各个属性宏定义
#define MAX_STAR 100 //:数量
#define MAX_RADIUS 6
#define MAX_STEP 8
//星星的移动状态
#define STOP 0
#define UP 1
#define DOWN 2
#define LEFT
#define ALL STATUS 5
//全局变量
      · mouse://鼠标信息
char s[128],key;//
void savep(int le,int fle, int n) {//将游戏存档入文件里
   char name[24];
   srand(time(NULL));
   time t timer = time(NULL):
   FILE* fo = NULL I ·
        ,,
fopen_s(&fp, "/save.txt", "a"); //这里的返回值是,如果成功返回 0,如果不成功返回非 0
      if (n!=0) fprintf_s(fp, "完成項目%d-%d, 完成信息: Time: %s; Level:%d\n", le, fle, ctime(&timer), n); else fprintf_s(fp, "完成項目%d-%d, 完成信息: Time: %s\n", le, fle, ctime(&timer));
,
void savep(int le, int fle, int n, int k) {//将游戏存档入文件里
   char name[24];
   srand(time(NULL));
   ....(MULL));
time_t timer = time(NULL);
FILE* fp = NULL;
   int error;
error = fopen_s(&fp, "/save.txt", "a"); //这里的返回值是,如果成功返回 0,如果不成功返回非 0
   if (fp)
      typedef struct Computing//用于算式信息
   int numa;
   int result;
   int bracket;
}Computing;
Computing* CreaterComputing() {
   Computing* head = NULL. * end = NULL:
   return head;
Computing* AddComputing(Computing* pt, int m) {
   int i = 0, a = 0, b = 0, c = 0, r = 0;
   Computing* p = pt, * t;
```

```
srand(time(NULL));
                    while (p->next != NULL) {
                                  p = p->next;
                      t = (Computing*)malloc(sizeof(Computing));
                                      switch (m)
                                  {
    case(0)p>numa = rand() % 10 + 1;    p>numb = rand() % 10 + 1;    p>bracket = 0;    p>result = p>numa + p>numb; p>opera = 1; p>operb
    nume = 0;    p>x = rand() % 70 * 10 + 50;    p>y = 0; p>co = rand() % 7; break;
    case(1)p>opera = nad() % 0;    p>numa = rand() % 10 + 2;    p>numb = rand() % (p>numa - 1) + 1;    p>result = p>numa = p>numb;
    else if (p>opera = 1) { p>numa = rand() % 10 + 1;    p>numb = rand() % 10 + 1;    p>result = p>numa + p>numb;
    }
    p>bracket = 0;
 p->numb; }
                                                        p->oracket - 0;
p->operb = -1; p->numc = 0; p->x = rand() % 70 * 10 + 50; p->y = 0; p->co = rand() % 7;
                                                                                                                                                                                                                                                                                                                                                                                                                         break;
                                  p-operb = 1; p-num = 0; p-x = rand() % 70 * 10 + 50; p-y = 0; p-co = rand() % 7; scase(2)p-opera = 0) { p-numa = rand() % 40 + 10; } p-numb = rand() % (p-numa - 9) + 5;  else if (p-opera = 0) { p-numa = rand() % 40 + 10; } p-numb = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-y = 0; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50; p-x0 = rand() % 70 * 10 + 50
                                                                                                                                                                                                                                                                                                                                                                                                         p->result = p->numa - p->numb; }
                                                                                                                                                                                                                                                                                                                                                                                                       p->result = p->numa - p->numb; }
  p->numb; }
                                  result = p->numa - p->numb; }
p->result = p->numa + p->numb; }
p->result = p->numa *
 p->numb; }
                                                      else if (p->opera == 3) { p->numb = rand() % 10 + 1; p->result = rand() % 10 + 1;
                                                                                                                                                                                                                                                                                                                                                                                                         p->numa = p->result * p->numb; }
                                                   cese ii (p-opera = -3) (p-nuum = nan() % 99 +1; p-nuum = rand() % 8 +2; p-result - p-nuum & p-numb; }
p>-bracket = 0; p-operb = -1; p-nuum = 0; p-x = rand() % 70 * 10 + 50; p-y = 0; p-co = rand() % 7; break;
(5):p-opera = rand() % 5;
                                                     if (p->opera == 0) { p->numa = rand() % 980 + 20;
                                                                                                                                                                                                                                          p->numb; }
                                                      else if (p->opera == 1) { p->numa = rand() % 990 + 10; p->numb = rand() % 990 + 10;
                                                                                                                                                                                                                                                                                                                                                                                                       p->result = p->numa + p->numb; }
                                                      else if (p->opera == 2) { p->numa = rand() % 100 + 1; p->numb = rand() % 100 + 1;
                                                                                                                                                                                                                                                                                                                                                                                                                        p->result = p->numa
  p->numb; }
                                                      else if (p->opera == 3) { p->numb = rand() % 90 + 10; p->result = rand() % 9 + 1;
                                                        else if (p->opera == 4) { p->numa = rand() % 990 + 10; p->numb = rand() % 28 + 2;
                                                      p{->}bracket = 0; \\ p{->}operb = -1; \\ p{->}numc = 0; \\ p{->}x = rand() \% \ 70 * 10 + 50; \\ p{->}y = 0; \\ p{->}co = rand() \% \ 7; \\ p{->}co = rand
                                | case(6)p-opera = rand() % 2; | p-numa = rand() % 80 + 20; | p-numb = rand() % (p-numa = 20) + 10; | p-result = p-numa + p-numb; | p-opera = 10 | p-numa = rand() % 80 + 20; | p-numb = rand() % (p-numa = 20) + 10; | p-result = p-numa + p-numb; | p-opera = rand() % (p-numa = rand() % (p-numa = 20) + 10; | p-numb = rand() % (p-numa = p-numa; ) | p-numa; | class if (p-opera = p) | p-numa = rand() % (p-numa = rand() % (p-numa = p-numa; ) | p-numa; | class if (p-opera = p) | p-numa = rand() % (p-numa = rand() % (p-numa = p-numa; ) | p-numa; | class if (p-opera = rand() % (p-numa = rand() % (p-numa = p-numa; ) | p-numa = p-numa; | p-numa; | class if (p-numa = numa = numa = numa = numa; ) | p-numa = p-numa; | p-numa; | class if (p-numa = numa = numa; ) | p-numa = p-numa; | class if (p-numa = numa; ) | p-numa = numa; | p-numa; | p-nu
                                                                                   p->result = p->numa -
 p->numb: }
                                                                                    else if (p->opera == 2) { p->numa = rand() % 9 + 1; p->numb = rand() % 9 + 1;
 p->numb; }
                                                                                    else if (p->opera == 3) { p->numb = rand() % 9 + 1; p->result = rand() % 8 + 2;
                                                                                                                                                                                                                                                                                                                                                                                                      p->numa = p->result * p->numb; }
                                                                                    , else if (p->operb == 2 || p->operb == 3) {
                                                                                 } clse if (p>opera == 2 || p>opera == 3) {
    if (p>opera == 2 && p>operb == 2) { p>numa = rand() % 9 + 1; p>numb = rand() % 9 + 1; p>numc = rand() % 9 + 1; p>numc = rand() % 9 + 1; p>result = p>numa * p>numb * p>numc; }
                                                                                                    else if (p->opera == 3 && p->operb == 3) { p->numc = rand() % 9 + 1; p->numb = rand() % 9 + 1; p->result = rand() % 9 + 1;
 p->numa = p->result * p->numb * p->numc; }
                                                                 | p-bracket = 0; p->x = rand() % 70 * 10 + 50; p->y = 0; p->co = rand() % 7; break; |
p->opera = rand() % 4; p->operb = rand() % 2; while (p->opera * p->operb = 6) { p->opera = rand() % 4; p->operb = rand() % 2; } if (p->operb = 1 || p->operb = 0) { if (p->operb = 0) { p->mumb = rand() % 950 + 50; p->mumb = rand() % (p->muma - 30) + 20; p->result = p->muma - 30; p->mumb = 70; p
 p->numb; }
                                                                                   else if (p->opera == 1) { p->numa = rand() % 990 + 10; p->numb = rand() % 990 + 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                     p->result = p->numa +
 p->numb: }
                                                                                    p->result
                                                                                      p->numa = p->result *
 p->numb; }
                                                                                if (p->operb == 0) { p->numc = rand() % min((p->result - 20) + 15, int((rand() % 30 * 0.01 + 0.2) * p->result)); p->result =
 p->result - p->numc; }
                                                                                   , else if (p->operb == 2 \parallel p->operb == 3) {
                                                                                   if (p>opera = 0 | p>opera = 1) {
    if (p>opera = 0 | p>opera = 1) {
        if (p>operb = 2) { p>numb = rand() % 90 + 10; p>numc = rand() % 90 + 10; p>result = p>numb * p>numc; }
        else if (p>operb = 3) { p>result = rand() % 90 + 10; p>numc = rand() % 90 + 10; p>numb = p>result * p>numc; }
                                                                                                       if (p\!\!\:{\sim}\!\!\:opera=\!\!\:0) \mid p\!\!\:{\sim}\!\!\:numa=p\!\!\:{\sim}\!\!\:result+rand() \ \% \ 990+10; \ p\!\!\:{\sim}\!\!\:result=p\!\!\:{\sim}\!\!\:numa-p\!\!\:{\sim}\!\!\:result; \mid else \ if (p\!\!\:{\sim}\!\!\:opera=\!\!\:1) \mid p\!\!\:{\sim}\!\!\:numa=rand() \ \% \ 990+10; \ p\!\!\:{\sim}\!\!\:result=p\!\!\:{\sim}\!\!\:numa+p\!\!\:{\sim}\!\!\:result; \mid p\!\!\:\:less
clse if (p>opera = 2 | p>opera = 3) {
            if (p>opera = 2 && p>operb = 2) { p>numa = rand() % 90 + 1; p>numb = rand() % 99 + 1; p>numc = ran
p->result = p->numa * p->numa; p->result = p->numa * p->numa; else if (p->opera == 3 && p->operb == 3) { p->numc = rand() % 90 + 10; p->numb = rand() % 90 + 10; p->result = rand() % 90 + 10; p->numb = p->result * p->numb * p->numa; }
                                                                 p->bracket = 0; p->x = rand() % 70 * 10 + 50; p->y = 0; p->co = rand() % 7;
                                   t->y = p->y;
t->next = NULL;
                                   return pt:
                    settextstyle(28, 0, "微软雅黑");
```

```
setbkmode(TRANSPARENT);
                      while (pt->next != NULL)
                                       wi = 0;

if (pt->operb == -1 && pt->numa < 10)wi = 75;

else if (pt->operb == -1 && pt->numa < 100)wi = 90;

else if (pt->operb == -1)wi = 120;
                                       ease tt (pt->opertb == -1) wr = 1.20;

class if ((pt->opertb == 1 || pt->opertb == 2 || pt->opertb == 3 || pt->opertb == 0) && pt->numa < 100) wi = 150;

class if ((pt->opertb == 1 || pt->opertb == 2 || pt->opertb == 3 || pt->opertb == 0) && pt->numa >= 100) wi = 180;
                                                            switch (pt->co)
                  {
    case(0):setfillcolor(RGB(192, 0, 0)); break;
    case(2):setfillcolor(RGB(191, 143, 0)); break;
    case(3):setfillcolor(RGB(84, 130, 53)); break;
                                                                                                                                                                                                                                                                  case(1):setfillcolor(RGB(198, 89, 17)); break;
                                                                                                                                                                                                                                                                                           case(4):setfillcolor(RGB(51, 63, 79)); break;
                  case(5):setfillcolor(RGB(47, 117, 181)); break;
                                                             case(6):setfillcolor(RGB(112, 48, 160)); break;
                                                               solidroundrect(pt->x - 20, pt->y - 3, pt->x + wi, pt->y + 32, 5, 5);
                                         setlinestyle(PS_DOT, 2); setlinestyle(PS_DOT, 
                                  i++; if (pt->open = 1 && pt->operb = -1) { sprintf(s, T(**)d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -1) { sprintf(s, T(**)d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -1) { sprintf(s, T(**)d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 3 && pt->operb = -1) { sprintf(s, T(**)d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 3 && pt->operb = -1) { sprintf(s, T(**)d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -1) { sprintf(s, T(**d + **dd**), pt->numa, pt->numb); outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -1) { sprintf(s, T(**d + **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -2) { sprintf(s, T(**d + **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 0 && pt->operb = -2) { sprintf(s, T(**d + **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 1 && pt->operb = -3) { sprintf(s, T(**d + **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 1 && pt->operb = -3) { sprintf(s, T(**d + **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 1 && pt->operb = -3) { sprintf(s, T(**dd * **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 2 && pt->operb = -3) { sprintf(s, T(**dd * **dd * **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 2 && pt->operb = -3) { sprintf(s, T(**dd * **dd **)dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 2 && pt->operb = -3) { sprintf(s, T(**dd **dd **dd**), pt->numa, pt->numb, pt->numb; outextxy(pt->x, pt->y, s); } 
des if (pt->open = 2 && pt->operb = -3) { sprintf(s, T(**dd **dd **dd**), pt->numa
                                       if (pt->opera == 1 && pt->operb == -1) { sprintf(s, T("%d + %d"), pt->numa, pt->numb); outtextxy(pt->x, pt->y, s); }
                  }//算式
                      setbkmode(OPAOUE):
                    return 0;
   void remove(Computing* pt) {
                  if (pt->next) {
                                     Computing* p = pt->next, * t = NULL;
                                       pt->next = p->next;
                                         free(p);
                                ct(int* num, Computing* pt, int* Error, int* p) {
                  if (pt->next) {
                                     if (pt->next->result == *num) {
                                                          *p = *p + 1; return GREEN:
                                                            *Error = *Error + 1; return RED;
int_out(int *num,Computing *pt,int *Error,int *p,int *t,int le) {
                    setfillcolor(WHITE);
                      solidrectangle(700, 615, 850, 665);
                                         switch (key)
                                           case('1')rif (*num < 10000)*num = *num * 10 ± 1; break;
                                       case(1'):if (*num < 10000)*num = *num * 10+1; break;

case(2'):if (*num < 10000)*num = *num * 10+2; break;

case(3'):if (*num < 10000)*num = *num * 10+3; break;

case(4'):if (*num < 10000)*num = *num * 10+4; break;

case(5'):if (*num < 10000)*num = *num * 10+6; break;

case(6'):if (*num < 10000)*num = *num * 10+6; break;
                                         case('7'):if (*num < 10000)*num = *num * 10 + 7; break;
                                         case('8'):if (*num < 10000)*num = *num * 10 + 8: break;
                                       case( 5); if (*num < 10000)*num = *num * 10 + 6; break;

case('0); if (*num < 10000)*num = *num * 10 + 9; break;

case('0'); if (*num < 10000)*num = *num * 10 + 0; break;

case('7); *num *= -1; break;

case('-7); *num /= 10; break;
                                       case(8):*num /= 10; break;
                                         case('+'):x=correct(num.pt.Error.p); *num = 0; remove(pt); return x; break;
                                       case(**):*Eror = -9; break;

case(**):*Eror = 9; break;
                  oveC(Computing *pt) {
                      while (pt->next != NULL)
                                       pt = pt->next;
                                       pt->y += 5;
                  omputingmaster() { int level = 0, Error = 0, t = 0, number = 0, point = 0, interval = 1000, sleep = 25, \infty = YELLOW, m = YELLOW; int* num = &number, * Er = &Error, * p = &point, * ti = &ti;
                    srand(time(NULL));
                  Computing* Cd:
                  Cd = CreaterComputing():
                    Ca - treast compungty;

Ca - treast compungty;

mciScadfring("pen Travelinthenaturalage.mp3 alias bkmusic0", NULL, 0, NULL);

mciScadString("play bkmusic0", NULL, 0, NULL);

BeginBatchDraw();

while (kcy = 27 && Error <= 3) {
                                       cleardevice();
                                           out(Cd):
                                       \label{eq:coutCd} $ = \sup_{x \in \mathcal{M}(M, M, K)} \{ x_i, x_i \in \mathcal{M}(M, K) \} $$ extractions of the content of the co
                                       Sleep(sleep);
                                       t+= sleep
                                       if (t % interval == 0) { AddComputing(Cd. level); }
```

```
\label{eq:continuous} \begin{split} & \text{if (point == 4 \&\& level == 0) \{ level = 1; t = 0; & \text{Error = 0; point = 0; interval = 1000; sleep = 25; } \} \\ & \text{else if (point == 6 \&\& level == 1) \{ level = 2; t = 0; & \text{Error = 0; point = 0; interval = 2000; sleep = 50; } \} \\ & \text{else if (point == 8 \&\& level == 2) \{ level = 3; t = 0; & \text{Error = 0; point = 0; interval = 2000; sleep = 50; } \} \end{split}
                         ease it (point = 10 && level = 3) { level = 5; t = 0; Error = 0; point = 0; interval = 2000; sleep = 30; } else if (point = 10 && level = 4); { level = 6; t = 0; Error = 0; point = 0; interval = 2000; sleep = 40; } else if (point = 14 && level = 4) { level = 5; t = 0; Error = 0; point = 0; interval = 4500; sleep = 100; } else if (point = 20 && level = 5) { level = 6; t = 0; Error = 0; point = 0; interval = 3000; sleep = 100; } else if (point = 14 && level = 6) { level = 6; t = 0; Error = 2; point = 0; interval = 8000; sleep = 60; } else if (point = 16 && level = 7; ) { level = 8; t = 0; Error = 2; point = 0; interval = 6000; sleep = 150; }/**/ else if (point = 20 && level = 8) { Error = 5; }
            EndBatchDraw():
            meiSendString("close bkmusic0", NULL, 0, NULL);

if (level <= 7) return level;

else if (point <= 20)return 8;

else return 9;
    typedef struct node0//用于 CardMaster 信息
            int coin;
            int coincolour;
            char letter;
            ardmaster(int level) {
    srand(time(NULL));
    int i, j, info[6] = { 9 }, t = 0;
    Card card[800] = { 0 };
    int cardcount = 0;//卡牌数量
            float flashtime = 0, alflashtime = 0;//流动时长、总时长
              int cardshow = 0, f = 0;//展示时长
 int cardshow = 0, f = 0./服永時长
int project = nand() % 3, projectsout = 0, projectfinish = 0.//目标要求及数量,完项数量
int point = 0.//分数
IMAGE Gaxl, Gax2, Gax3, Gax4, Gax5;
loadimage(&Gax1, __IT(Galaxy1,pg*)); loadimage(&Gax2, __IT(Galaxy2,jpg*)); loadimage(&Gax3, __IT(*Galaxy3,jpg*)); loadimage(&Gax4,
__IT(*Galaxy4,jpg*)); loadimage(&Gax5, __IT(*Galaxy5,jpg*));
            setlinestyle(PS DOT, 5);
              switch (level)
          {
case(2):cardcount = 120; flashtime = 10.0; cardshow = 5100; alflashtime = 3600; projectfinish = 4; break;
case(2):cardcount = 155; flashtime = 9.0; cardshow = 4800; alflashtime = 4500; projectfinish = 5; break;
case(3):cardcount = 200; flashtime = 8.0; cardshow = 4800; alflashtime = 5000; projectfinish = 6; break;
case(3):cardcount = 250; flashtime = 71; cardshow = 4200; alflashtime = 5000; projectfinish = 7; break;
case(5):cardcount = 320; flashtime = 71; cardshow = 5000; alflashtime = 6000; projectfinish = 9; break;
case(7):cardcount = 480; flashtime = 5.2; cardshow = 3000; alflashtime = 6000; projectfinish = 11; break;
case(7):cardcount = 480; flashtime = 5.2; cardshow = 3000; alflashtime = 5000; projectfinish = 12; break;
default: break;
default: break;
              cleardevice();
            for (i = 0; i < cardcount + 2; i++)
                       \begin{split} & \text{if } (i=0) \text{ info}[3] = \text{rand}() \ \% \ 5; \\ & \text{else while } (\text{info}[3] = \text{info}[0]) \text{ info}[3] = \text{rand}() \ \% \ 7; \\ & \text{while } (\text{info}[4] = \text{info}[1]) \text{ info}[4] = \text{rand}() \ \% \ 5; \\ & \text{while } (\text{info}[4] = \text{info}[2]) \text{ info}[4] = \text{-info}[3] \text{ info}[5] = \text{-info}[3] \text{ info}[5] = \text{-info}[3] \text{ info}[5] = \text{-rand}() \ \% \ 5; \\ & \text{if } (\text{info}[3] > = 5) \text{for } (j = 0; j < 6; j \leftrightarrow \text{-info}[3]) = 5; \end{split}
                         info[0] = info[3];
info[1] = info[4];
info[2] = info[5];
                         case(0):card[i].backcolour = RED; break;
case(1):card[i].backcolour = BLUE; break;
case(2):card[i].backcolour = GREEN; break;
                            case(3):card[i].backcolour = CYAN; break;
case(4):card[i].backcolour = MAGENTA; break;
default:card[i].backcolour = BLACK; break;
                          card[i].coin = info[1];
                          switch (info[2])
                            case(0):card[i] coincolour = RED: break:
                         case(1):card[i].coincolour = RELP; break;
case(2):card[i].coincolour = BLUE; break;
case(2):card[i].coincolour = GREEN; break;
case(3):card[i].coincolour = CYAN; break;
case(4):card[i].coincolour = MAGENTA; break;
                          default:card[i].coincolour = BLACK; break;
              for (j = 1; j \le cardcount; j++) {
                         switch (project)
switch (project)
cass(0);if (card[j], backcolour == card[0], backcolour) projectcount++; br
cass(1);if (card[j], coincolour == card[0], coincolour) projectcount++; br
cass(2);if (card[j], coin= card[0], coin projectcount++; break;
            }
settextstyle(20, 0, _T("微软雅黑"));
for (i = 1; i < 5; i++) {
    switch (i)
                            、
case(1):sprintf(s,_T("这里是你的第%d 项: 你的任务目标: *尽可能*选出所有 (注意图案还是图案颜色 ) "),level); outtextxy(40, 10 + 25 * i, s);
                         case(2)
                                       switch (project)
                                     switch (project) {
    case(1)-sprintf(s,_T(*)与下面图形背景颜色相同的图形3 抄后展示视形。图形只展示%21 秒。"), float(cardshow)/1000); break;
    case(1)-sprintf(s,_T(*)与下面图形图案颜色相同的图形3 抄后展示图形。图形只展示%21 秒。"), float(cardshow)/1000); break;
    case(2)-sprintf(s,_T(*)与下面图形印图案制即的图形3 抄后展示图形。图形只展示%21 秒。"), float(cardshow)/1000); break;
    case(3)-sprintf(s,_T(*)与下面图形容是为图器图绘图器图形3图形式图形。图形现示%21 秒。"), float(cardshow)/1000); break;
    case(4)-sprintf(s,_T(*)与下面图形容景质图色与图像形3 秒后展示图形。图形尺展示%21 秒。"), float(cardshow)/1000); break;
/ 1000); break;
                                       case(5):sprintf(s,_T("与下面图形图案及其颜色均相同的图形,3秒后展示图形,图形只展示%.2f秒。"),float(cardshow)/1000);break;
                                        outtextxy(40, 10 + 25 * i, s); Sleep(2000); break
                                      (3):
setfillcolor(card[0].backcolour);
solidroundrect(100, 140, 300, 340, 5, 5);
switch (card[0].coin)
                                     solidpolygon(pts, 3); }break;
                                      }break:
                      , recus., case(4)sprintfis, _T"图案总数为%d, 符合要求的图案数量; %d, 连出其中的%d 个即算完项, 达到%d 个降档结算。(退出/Esc) "), cardcount, unt, projectcount - projectfinish, projectcount - 2 * projectfinish + 1); outtextxy(40,500, s); break;
            f = rand() % 5
            Sleep(cardshow);
            cleardevice():
```

```
}Cake;
Cake* Create() {
                Sleep(2000);
float speed = 9 / flashtime;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             srand(time(NULL));
                BeginBatchDraw();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             int i = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cake* head = NULL, * end = NULL, * p;
                  while (t<alflashtime) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             head = (Cake*)malloc(sizeof(Cake));
srand(time(NULL));
end = head;
for (i = 0; i < 10; i++) {
                                 switch (f)
                               case(1):putimage(225, 112, &Gax1); break; case(2):putimage(225, 112, &Gax2); break;
                               case(3):putimage(225, 112, &Gax3); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           p = (Cake*)malloc(sizeof(Cake));
                                case(4):putimage(225, 112, &Gax4); break
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            if (p)
                                case(0):putimage(112, 0, &Gax5); break
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          p->type = rand() % 3;
p->line = rand() % 3;
p->last = rand() % 500 + 500;
p->next = NULL;
                                              = (1 - (ancount - 1; +++) {
setfilloof(card[i].backcolour);
solidroundrect(800 + 120 * ((i - 1) / 5) - speed * t, 50 + 120 * ((i - 1) % 5), 900 + 120 * ((i - 1) / 5) - speed * t, 150 + 120 * ((i - 1) % 5), 5, 5);
switch (card[i].coin)
return head:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMAGE img;
 t, 140 + 120 * ((i - 1) % 5), 0, 3.14); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             loadimage(&img, T("cake1.jpg")):
 case(-)s-ri[los(-)s-ri], (acad.); (POINT pas]] = { [850 + 120 * ((i - 1)/5) - speed * t,75 + 120 * ((i - 1) %5)], [850 + 50 * sqrt(3)/3 + 120 * ((i - 1)/5) - speed * t, 125 + 120 * ((i - 1) %5)], [850 - 50 * sqrt(3)/3 + 120 * ((i - 1)/5) - speed * t, 125 + 120 * ((i - 1) %5)]; solidpolygon(pas,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             int y = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nage(100, 100, &img)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               while (pt->next != NULL)
                                           default:setlinecolor(card[i].coincolour); line(820 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) % 5), 880 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1) / 5) - speed * t, 70 + 120 * ((i - 1
 130 + 120 * ((i - 1) % 5)); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         pt = pt->next;
y = 125 + 150 * pt->line;
//if(pt->type==1)
                                 sprintf(s, T("%d"),t); outtextxy(10, 2, s);
                               spaning, = (1 % (x_i, y_i), some (x_i, y_i)), where (x_i, y_i) interacticles = ((mouse, y_i = (x_i, y_i)) (20 + 1) + int((mouse, x + speed * t - 800) / 120) * 5; if (mouse message = WM_LBUTTONUP) {

switch (project) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             return 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              int Dessertparty() {
    cake* pt;
    pt = Create();
                                               case(0):if (card[cardclick].backcolour == card[0].backcolour) card[cardclick].coin = 9; break
                                               case(1):if (card[cardclick].coincolour == card[0].coincolour) card[cardclick].coin = 9; break; case(2):if (card[cardclick].coin == card[0].coin)card[cardclick].coin = 9; break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               out(pt);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             //load();
                                              case(3):if (card[cardclick].backcolour == card[0].backcolour && card[cardclick].coincolour == card[0].coincolour) card[cardclick].coin = 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             return 0;
                                              case(4) if (card[cardclick], backcolour == card[0], backcolour \&\& card[cardclick], coin == card[0], coin) (card[cardclick], coin == 9; break; case(5) if (card[cardclick], coin == card[0], coin \&\& card[cardclick], coincolour) (card[cardclick], coin == 9; break; case(5) if (card[cardclick], coincolour) (card[cardclick], coin == 9; break; case(5) if (card[cardclick], coincolour) (card[cardclick], coin == 9; break; case(5) if (card[cardclick], coin == 0; break; case(5) if (card[cardclick], case(5) 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                if ( kbhit()) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             int x;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             int y;
int dir;
int colour;
struct snake* next;
                                           key = _getch();
if (key == 27)t = 9999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               typedef struct food//用于 Food
                               if (level < 4)Sleep(10);
                               else Sleep(6);/尝试对抗系统卡顿问题,可能会比设计快不少
                                cleardevice();
                               t+= 1;
                  for (i = 0; i < cardcount; i++) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                              }Food;
Snake* CreateSnake(int lo) {
                               if (card[i].coin == 9)
                                           point++;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             int \ i=0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              srand(time(NULL)):
                  sprintf(s, T("%d/%d %d/%d"), point, projectcount, projectcount - projectfinish, projectcount - 2 * projectfinish + 1); outtextxy(10, 22, s);
             sprint(s_i = 1("s_i = 1"), point, projectount_projectour
if (point >= projectount_projectour + projections) i = level;
else if (point >= projectount - 2 * projectfinish + 1) i = level - 1;
else i = max(level - 5, 0);
EnfBatchDraw();
if (t < 8000)Sleep(5000);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Snake* head = NULL, * end = NULL, * p;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             head = (Snake*)malloc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            p = (Snake*)malloc(sizeof(Snake));
                return i;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            if (p)
        int centregame() {
    setbkcolor(RGB(154, 110, 137));
    cleardevice();
    srand(time(NULL));
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           p->x = 450;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           p->x = 450;
p->y = 300;
p->dir = rand() % 4 + 1;
p->next = NULL;
switch (i % 2) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           case(0):p->colour = RED; break;
                IMAGE Gax1, Gax2, Gax3, Gax4, Gax5;
   loadimage(\&Gax1, \_T("Galaxy1.jpg")); loadimage(\&Gax2, \_T("Galaxy2.jpg")); loadimage(\&Gax3, \_T("Galaxy3.jpg")); loadimage(\&Gax4, \_T("Galaxy4.jpg")); loadimage(\&Gax5, \_T("Galaxy5.jpg")); loadimage(\&Gax6, \_T("Galaxy5.jpg")); loadimage(\&Gax6, \_T("Galaxy5.jpg")); loadimage(\&Gax6, \_T("Galaxy6.jpg")); loadimage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            case(1):p->colour = GREEN; break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           if (i == 0) p->colour = BLUE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           end->nex
end = p;
                 case(1):putimage(225, 112, &Gax1); break
                case(2):putimage(225, 112, &Gax2); break;
               case(3):putimage(225, 112, &Gax3); break;
case(4):putimage(225, 112, &Gax4); break;
case(0):putimage(112, 0, &Gax5); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             return head:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               }
Snake* CreateWall(int n,int *w) {
    int i = 0, ix = 0, iy = 0, length = 0, dir = 0, odir = 0;
    srand(time(NULL));
    Snake* head = NULL, * end = NULL, * p;
    head = (Snake*)malloc(sizeof(Snake));
                          textstyle(20, 0, _T("微软雅黑"));
                for (i = 1; i < 16; i++) {
                               switch (i)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             end = head:
                               {
casc(1)sprintf(s_T("这里是小y 谈设的第一个项目: 小y 的翻傳实验, 感谢您的参与: ")); break;
casc(2)sprintf(s_T("项目 1: 计算大师 (超解实验中选择其中一个参与, 并被击项目序号"); break;
casc(3)sprintf(s_T("项目 1: 计算大师 (选择项目 1) "); break;
casc(3)sprintf(s_T("应里将接成大案的心解能力,进入游戏后,正上方将不断下落数字卡片。"); break;
casc(5)sprintf(s_T("按出数字卡片上写文的结果,并通过键盘敲击, 設击元成后按"输认。"); break;
casc(5)sprintf(s_T("按一期除是后"也要求。当成为他的问题的问题和度度,此时的速度分格的项目分别。break;
casc(7)sprintf(s_T("按一期除是后"也要求。当成为他的问题的问题和度度,此时的速度分格的项目分别。break;
casc(7)sprintf(s_T("被手")。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             end = head;

ix = rand() \% 55 * 10 + 150;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             iy = rand() % 40 * 10 + 150;

*w = ix; *(w + 1) = iy;

for (i = 0; i < n; i++) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         p = (Snake*)malloc(sizeof(Snake));
if (p)
                            if (i % 16 == 0) { dir = rand() % 4 + 1; }
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          \begin{split} &if(\,\$^{\circ}, 16 = 0\,) \, \{\, dr = mad \,) \, \% \, 4 + 1; \, \} \\ &if(\,\$^{\circ}, 32 = 0\,) \, \{\, ix + i \, (mad \,) \, \% \, 12 - 6\,) \, * \, 10; \, iy + i \, (mad \,) \, \% \, 12 - 6\,) \, * \, 10; \, iy + i \, (mad \,) \, \% \, 12 - 6\,) \, * \, 10; \, if(dir = 1) \, \{ \quad ix + i \, 10; \quad p > x = ix; \quad p > y = iy; \, \} \\ &clas if (dir = 2) \, \{ \, ix = 10; \quad p > x = ix; \quad p > y = iy; \, \} \\ &clas if (dir = 3) \, \{ \, iy + i \, 10; \quad p > x = ix; \quad p > y = iy; \, \} \\ &clas if (dir = 3) \, \{ \, iy + i \, 10; \quad p > x = ix; \quad p > y = iy; \, \} \end{split}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           p->dir = dir;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            odir = dir:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           our – ur;
p->next = NULL;
switch (i % 2) {
case(0):p->colour = WHITE; break;
case(1):p->colour = RGB(117,117,117); break;
                                   outtextxy(125, 10 + 25 * i, s);
             \label{eq:key} $$ key = getch(); $$ if (key = '1') { i = Computingmaster(); savep(2, 1, i); } $$ else if (key >= 'a' && key <= 'h') { i = Cardmaster(key - 'a' + 1); savep(2, 2, i); } $$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           if (i == 0) p->colour = BLUE;
                else i = 0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           end = p;
                                                                                                                                                                                                                                                           的 翻 牌
                                                                                                                                                                                                                                                                                                                                                                    44
  小
                                                                                                                                                                                                                                                           69
                                                                                                                                                                                                                                                                               翻牌
                                                                                                                                                                                                                                                                                                                                               验
                                                                                                                                                                                                                                                                                                                                                                                         81
                                                                                                                                                                                                                                                                                                                                                                                                           结
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Food* Createfood(int n) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \begin{aligned} &\text{int } i = 0; \\ &\text{Food* head} = \text{NULL, * end} = \text{NULL, * p}; \end{aligned}
  typedef struct cake//用于 Cake 信息
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rood* nead = NULL, *
srand(time(NULL));
head = (Food*)malloc(s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            end = head;

if (n == 0) {

for (i = 0; i < 14; i++) {
                int last;
                struct cake* next:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          p = (Food*)malloc(sizeof(Food));
```

```
if (i < 3) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     case('q'):m = 1; break; case('w'):m = 2; break; case('e'):m = 3; break; case('r'):m = 4; break; case('t'):m = 5; break;
                                                                                           p->x = rand() % 40 * 10 + 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   case('y'):m = 6; break; case('u'):m = 7; break; case('i'):m = 8; break; case('o'):m = 9; break; case('p'):m = 10; break; case('s'):m = 11; break; case('s'):m = 12; break; case('d'):m = 13; break; case('f'):m = 14; break; case('g'):m = 15; break;
                                                                                          p->y = rand() % 30 * 10 + 50;
                                                                           }
else if (i < 6) {
    p>>x = rand() % 40 * 10 + 450;
    p>y = rand() % 30 * 10 + 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     case('q'):n = 1; break; case('w'):n = 2; break; case('e'):n = 3; break; case('r'):n = 4; break; case('t'):n = 5; break;
                                                                          else if (i < 9) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   case(y'):n=6; break; case(u'):n=7; break; case(i'):n=8; break; case(i'):n=9; break; case(i'):n=10; break; case(i'):n=11; break; case(i'):n=12; break; case(i'):n=13; break; case(i'):n=14; break; case(i'):n=15; break; case(i'):n=16; break; ca
                                                                                           p->x = rand() % 40 * 10 + 50;
                                                                                          p->y = rand() % 30 * 10 + 350;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Change(pt, m, n);
FlushBatchDraw(
                                                                                           p->x = rand() % 40 * 10 + 450.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  void move(Snake* pt) {
                                                                                          p->y = rand() % 30 * 10 + 350;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   srand(time(NULL)):
                                                                        p->p = 1;
p->next = NULL;
end->next = p;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   int x = 0, y = 0, a = 0, b = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  pt = pt->next;
if (_kbhit()) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     \text{cond}'\forall' \text{ key} = \text{getch();} \\
if'(\text{key} = '\text{d}' &\& pt>\text{dir} != 2)pt>\text{dir} = 1; \\
else if'(\text{key} = '\text{a}' &\& pt>\text{dir} != 1)pt>\text{dir} = 2; \\
else if'(\text{key} = '\text{b}' &\& pt>\text{dir} != 4)pt>\text{dir} != 3); \\
\end{equation}
                    else {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     else if (key == 'w' && pt->dir != 3)pt->dir = 4:
                                       n = (Food*)malloc(sizeof(Food)):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     else if (key == 'c')Changecolour(pt)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   switch (pt->dir) {
    case(1):pt->x += 10; break;
    case(2):pt->x -= 10; break;
                                                      p->y = rand() % 60 * 10 + 50;
p->p = 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   case(3):pt->y += 10; break;
case(4):pt->y -= 10; break;
                                       p->next = NULL;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x = pt->x;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y = pt->y;
while (pt->next != NULL)
                    return head;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  pt = pt->next;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  pt = pt->ne
a = pt->x;
b = pt->y;
pt->x = x;
pt->y = y;
x = a;
y = b;
    int out(Snake* pt)
                    while (pt->next != NULL)
                                     pt = pt->next;
setfillcolor(pt->colour);
                                      solidcircle(pt->x, pt->y, 10)
                    return 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  int Knock(Snake* pt,Snake *k) {//pt 为蛇头地址,k 为禁止撞击点地址(墙头地址/蛇头地址)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Snake* body, * head = pt->ner
int i = 0;
body = k->next;
              out(Food* fd)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   while (body->next != NULL)
                                      fd = fd->next
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    body = body->next;
                                      if (fd->p == 1)setfillcolor(BROWN);
                                      \begin{aligned} & \text{fide-}p = -1\text{sential color(BELOW);} \\ & \text{else if (fid-}p = -1)\text{ setfill color(BLLOW);} \\ & \text{else if (fid-}p = -2) \\ & \text{ setfill color(BAGENTA);} \\ & \text{solideirele(fid-}x, \text{fid-}y, \text{15);} \end{aligned}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    if (body->x == head->x && body->y == head->y) i = 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  }
if(body->x == head->x && body->y == head->y) i = 1;
if(head->y > 1075 || head->y <-300 || head->x >1200 || head->x < -300) i = 9;
if(_kbhit()) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  key = _getch();
if (key == 27)i = 1;
                    return 0;
     void Change(Snake* pt, int n, int m) {
                       Snake* k = pt->next
  Snake* Createsnake(Snake* pt) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   int i = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Snake* p = pt, * t
solidcircle(45, 50, 10); serfillcolor(RGB(236, 71, 140)); solidcircle(45, 65, 10); serfillcolor(RGB(173, 224, 227)); solidcircle(70, 20, 10); serfillcolor(RGB(173, 224, 227)); solidcircle(70, 50, 10); serfillcolor(RGB(173, 224, 227)); solidcircle(70, 50, 10); serfillcolor(RGB(173, 224, 227)); solidcircle(70, 50, 10); serfillcolor(RGB(234, 224, 145)); solidcircle(95, 50, 10); serfillcolor(RGB(234, 224, 145)); solidcircle(120, 50, 10); serfillcolor(RGB(234, 224, 145)); solidcircle(120, 50, 10); serfillcolor(RGB(234, 224, 145)); solidcircle(120, 50, 10); serfillcolor(RGB(231, 160, 35)); solidcircle(120, 50, 10); serfillcolor(RGB(231, 160, 35)); solidcircle(120, 50, 10); serfillcolor(RGB(231, 160, 35)); solidcircle(145, 50, 10); serfillcolor(RGB(231, 221, 176)); solidcircle(145, 50, 10); serfillcolor(RGB(231, 221, 176)); solidcircle(145, 50, 10); serfillcolor(RGB(231, 221, 176)); solidcircle(170, 50, 10); serfillcolor(RGB(230, 128, 178)); solidcircle(195, 50, 10); serfillcolor(RGB(217, 220, 28)); solidcircle(220, 20, 10); serfillcolor(RGB(81, 188, 174)); solidcircle(220, 35, 10); serfillcolor(RGB(217, 220, 28)); solidcircle(220, 20, 10); serfillcolor(RGB(81, 188, 174)); solidcircle(220, 35, 10); serfillcolor(RGB(217, 220, 20)); solidcircle(220, 20, 10); serfillcolor(RGB(217, 220, 20)); solidcircle(220, 20); solidcircle(220, 20, 10); serfillcolor(RGB(217, 220, 20)); solidcircle(220, 20, 10); serfillcolor(RGB(81, 188, 174)); solidc
  solidcircle(45, 50, 10); setfillcolor(RGB(236, 71, 140)); solidcircle(45, 65, 10);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   while (p->next != NULL) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    p = p->next;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (Snake*)malloc(sizeof(Snake));
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if (t) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   L>colour = YELLOW;
t>colour = BLUE;
>x;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     p->next = t;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     if (p->colour == BLUE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    else t->col
t->x = p->x;
t->y = p->y;
t->next = NULL;
                                      setfillcolor(RGB(217, 220, 215)); solidcircle(220, 20, 10); setfillcolor(RGB(181, 188, 174)); solidcircle(220, 35, 10); setfillcolor(RGB(217, 220,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   return pt;
  215)); solidciricle(220, 50, 10); setfillcolor(RGB(181, 188, 174)); solidciricle(220, 65, 10);
setfillcolor(RGB(228, 65, 49)); solidciricle(245, 20, 10); setfillcolor(RGB(72, 176, 236)); solidciricle(245, 35, 10); setfillcolor(RGB(228, 65, 49));
solidciricle(245, 50, 10); setfillcolor(RGB(72, 176, 236)); solidciricle(245, 65, 10);
FlushBatchDraw();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    void remove(Food* re, Food* fd) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Food* p = fd;

while (p->next != re) {

p = p->next;

}
                       ,
while (n != -1 && i < 50 && k->next != NULL) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     p->next = re->next;
                                      k = k->next;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   free(re):
                                      switch (n) {
                                      switch (1) (1 % 2 = 0)k-colour = RGB(22, 97, 65); disc k-colour = RGB(111, 152, 40); break; case(2)if (1 % 2 = 0)k-colour = RGB(193, 176, 6); disc k-colour = RGB(22, 67, 11, 40); break; case(3)if (1 % 2 = 0)k-colour = RGB(173, 224, 227); disc k-colour = RGB(122, 67, 1); break; case(4)if (1 % 2 = 0)k-colour = RGB(24, 227, 145); disc k-colour = RGB(122, 67, 1); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  int eat(Snake* pt, Food* fd) {
    Snake* head = pt->next;
    Food* f = fd;
                                       case(5):if (i % 2 = 0)k->colour = RGB(29, 56, 83); else k->colour = RGB(211, 169, 35); break; case(6):if (i % 2 = 0)k->colour = RGB(233, 212, 176); else k->colour = RGB(255, 250, 211); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   while (f->next != NULL) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    f = f->next;
                                      case(y)11 (1% 2 = 0)k->colour = Ro(B(23), 21; 10); case k->colour = Ro(B(04), 116, 171); break; case(5)16 (1% 2 = 0)k->colour = Ro(B(24), 21; cbc k->colour = Ro(B(04), 116, 171); break; case(5)16 (1% 2 = 0)k->colour = Ro(B(24), 21, 21; cbc k->colour = Ro(B(24), 21, 21; break; case(7)16 (1% 2 = 0)k->colour = Ro(B(24), 21, 22, 21; break; case(10); if (1% 2 = 0)k->colour = Ro(B(24), 22, 21; break; case(10); if (1% 2 = 0)k->colour = Ro(B(24), 22, 21; break; case(10); if (16), 21, 21; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 22, 21; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 22, 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 22, 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 22 = 0)k->colour = Ro(B(24), 23; break; case(10); if (16), 23; break; case(10); if (16), 24 = 0)k->colour = Ro(B(24), 24 = 0)k->colour = Ro(B(24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  if (abs(head->x - f->x) < 20 && abs(head->v - f->v) < 20) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    p += f->p; remove(f, fd); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   return p;
                    while (n != 1 && k->next != NULL) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  void Addfood(Food* fd, int k, int m,int *w1,int *w2) {
                                      k = k->next;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   int i = 0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                int i = 0;

Food* p = fd, * t;

srand(time(NULL));

while (p>next!= NULL) {

p = p>next;
                                      rer, switch (m) {
case(1)if (i % 2 = 0)k-colour = RGB(22, 97, 65);
clse k>colour = RGB(111, 152, 40); break;
case(2)if (i % 2 = 0)k-colour = RGB(193, 176, 6);
clse k>colour = RGB(236, 71, 140); break;
case(3)if (i % 2 = 0)k-colour = RGB(173, 224, 22);clse k>colour = RGB(122, 67, 1); break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if (m == 0) {
                                       case(4):if (i % 2 == 0)k->colour = RGB(234, 224, 145); else k->colour = RGB(152, 134, 138); break
                                       case(5):if (i % 2 == 0)k->colour = RGB(29, 56, 83);
                                                                                                                                                                                                                                  else k->colour = RGB(211, 169, 35); break
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    for (i = 0; i < k; i++) {
                                      \begin{aligned} & \text{case}(5)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(29, 56, 83); & \text{cls k-coolour} = \text{RGB}(211, 169, 35); \text{brak}; \\ & \text{case}(6)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(213, 212, 176)k \text{cls k-coolour} = \text{RGB}(815, 52, 52, 011); \\ & \text{case}(7)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(175, 219, 221); \text{cls k-coolour} = \text{RGB}(104, 116, 171); \\ & \text{break}(7)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(230, 128, 178); \text{cls k-coolour} = \text{RGB}(226, 22, 87); \\ & \text{break}(7)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(217, 22, 21); \text{cls k-coolour} = \text{RGB}(218, 11, 81, 74); \\ & \text{case}(9)if (\% 2 = 0)k\text{-coolour} = \text{RGB}(228, 65, 49); \\ & \text{cls k-coolour} = \text{RGB}(72, 72, 74); \\ & \text{cls k-coolour} = \text{RGB}(72, 72, 74); \\ & \text{cls k-coolour} = \text{RGB}(72, 72, 74); \\ & \text{cls k-coolour} = \text{RGB}(72, 74, 74); \\ & \text{cls k-coolour} = 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    t = (Food*)malloc(sizeof(Food));
if (t) {
t->p = 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       if (i < k / 4 - 1) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t->x = rand() % 40 * 10 + 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t->v = rand() % 30 * 10 + 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         else if (i < k / 2 - 1) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t->x = rand() % 40 * 10 + 450;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t->v = rand() % 30 * 10 + 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          else if (i < k * 3 / 4 - 1) {
t->x = rand() % 40 * 10 + 50;
    void Changecolour(Snake* pt) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           t->y = rand() % 30 * 10 + 350
                    int m = 0, n = 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         else if (i < k - 1) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       t->x = rand() % 40 * 10 + 450;
                    Change(pt, -1, 0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t->y = rand() % 30 * 10 + 350;
                   key = _getch();
```

switch (key)

```
t->x = rand() % 80 * 10 + 50;
                                                                               t->y = rand() % 60 * 10 + 50;
                                                                                                                                                                         case(5):sprintf(s, _T("")); break;
case(6):sprintf(s, _T("项目 2: 庭院小蛇")); break;
                      while (abs(t->x - *w1) < 10 || abs(t->y - *(w1 + 1)) < 10 || abs(t->x - *w2) < 10 || abs(t->y - *(w2 + 1)) < 10) {
                                                                                                                                                                         case(7):sprintf(s, _T("和同名游戏规则相同,当获得等级 18 时评价为 3S,其中的棕色食物+1 分,蓝色食物+2 分(从第 1 关开始出现)"));
                           if (i < k / 4 - 1) {
                               t - x = rand() \% 40 * 10 + 50;
                                                                                                                                                                        case(8):sprintfis,__T("黄色食物-1 分(从第 4 关出现),白灰相间的为墙体(从第一关开始出现。撞击后失败)")); break; case(9):sprintfis,_T("紫色加速道具(自第 1 关出现)短暂的提升移逐、停止增长、期间无敌,按 6 变色,左上角预览")); break
                                                                                    t->v = rand() % 30 * 10 + 50:
                          else if (i < k / 2 - 1) {
t->x = rand() % 40 * 10 + 450;
                                                                                                                                                                        outtextxy(40, 10 + 25 * i, s);
                           else if (i < k * 3 / 4 - 1) {
                               t->x = rand() % 40 * 10 + 50;
                                                                                                                                                                   key = getch();
                                                                                    t->y = rand() % 30 * 10 + 350;
                           else if (i < k - 1) {
                                                                                                                                                                   {
//case('1'):point = Dessertparty(); break;
case('2'):point = Greedysnake(); break;
default:break;
                               t->x = rand() \% 40 * 10 + 450;
                                                                                    t->y = rand() % 30 * 10 + 350;
                           else {
                               t->x = rand() % 80 * 10 + 50;
                                                                                    t->y = rand() % 60 * 10 + 50;
                                                                                                                                                                    return point;
t->p = 2;
                                                                                                                                                                ,
                                                                                                                                                                                                                                       小 y 的 前
                t->next = NULL;
                                                                                                                                                              p->next = t;
               p = t;
                                                                                                                                                              typedef struct LinkNode {
                                                                                                                                                              else if (m == 1) {

t = (Food*)malloc(sizeof(Food));
           if (t) {
                    t->x = rand() % 80 * 10 + 50;
t->y = rand() % 60 * 10 + 50;
                                                                                                                                                              typedef struct {
                    t->p = -1;
                                                                                                                                                                   int x;
                                                                                                                                                                   int y;
unsigned int radius;
int status://上面利用宏定义了 6 种状态
           ,
t->next = NULL;
           p->next = t;
p = t;
                                                                                                                                                                   int step;
                                                                                                                                                                   int color;
                                                                                                                                                                    LinkNode node
                                                                                                                                                              } STAR;
                                                                                                                                                               //初始化是是首节占
           for (i = 0; i < k; i++) {
                                                                                                                                                              //#BJRINAE集日中語
bool starInit(_STAR*& L_star) {
    L_star = (_STAR*)malloc(sizeof(_STAR)); //开空间
    if(!L_star) {
        return false;
                t = (Food*)malloc(sizeof(Food));
               if (t) {

t->x = rand() % 80 * 10 + 50;

10 ac 60 * 10 + 50;
                   t->p = 10;
                                                                                                                                                                    ,
//不初始化星星属性//这里是首节点
                                                                                                                                                                   L_star->node.next = NULL;
L_star->node.prev = NULL;
return true;
               t->next = NULL:
                                                                                                                                                              ;
//初始化星星里的属性
                                                                                                                                                              void initStar(_STAR*& p) {
                                                                                                                                                                  if (!p) {
int Greedysnake() {
                                                                                                                                                                         return;
,
p->x = rand() % 850 + 50;
                                                                                                                                                                   p->x = rand() % 850+ 30;

p->y = rand() % 610+ 30;

p->radius = rand() % MAX_RADIUS + 2;

p->status = int((rand() % 25 + 1) / 3);

p->step = rand() % MAX_STEP + 1;
                                                                                                                                                                                                                                                 //状态 0~8(rand%25+1[→1-26])/3[→0-8]
                                                                                                                                                                                                                       //步长 1-9
     int* w1 = &wa1[0], * w2 = &wa2[0];
                                                                                                                                                                   int rgb = 255 * p->step / MAX_STEP;
p->color = RGB(rgb, rgb, rgb);
//if (p->status == 0) p->color = RGB(253, 231, 4);
     pt = CreateSnake(lo);
fd = Createfood(0);
                                                                                                                                                                                                                       //部色
      fd = Createfood(0);
upspeed = Createfood(1);
BeginBatchDraw();
settextstyle(12, 0, "縣体");
                                                                                                                                                             //添加链表(头插法)
bool linkInsert_front(_LinkNode* L, _LinkNode* node) {
           while (i) {
           cleardevice();//清屏
           out(pt);//蛇绘制
                                                                                                                                                                   //L·首个星星里 node 地址
            out(fd)://食物经制
           _out(n)/自/哲語制
if(wspeed)_out(wspeed);/临时速度增益绘制
if(walla)_out(walla);
move(pt);/蛇移动
point += cat(pt, fd);//食物拾取
                                                                                                                                                                         le:添加星星里 node 地址
                                      if (wallb) _out(wallb);//墙体绘制
           if (eat(pt, upspeed)) {
    usp += min(50 + 10 * level + 15 * int(level / 4), 200); ust += min(3000+300 * level, 6000); point += 1;
                                                                                                                                                                   if (L->next) {
                                                                                             usp = min(50 + 10 * level + 15 * int(3 / 4), 200) *
                if (usp > min(50 + 10 * level + 15 * int(3 / 4), 200) * int(sqrt(2 * level + 1)))
                                                                                                                                                                        L->next->nrev = node:
node->next = L->next;
node->prev = L;
L->next = node;
                                                                                                                                                                   return true;
                                                                                                                                                               ,
//尾插法
                                                                                                                                                              bool linkInsert_back(_LinkNode* L, _LinkNode* node) {
                                                                                                                                                                     LinkNode* last = L;
           t+= 10000 / (150 + 20 * level + point + usp); //游戏时长
           inter++://时间间隔
                                                                                                                                                                    mter++//時间间隔 if (inter % 240 == 0) { pt = Createsnake(pt); lo++; }//蛇长增加(按移动距离)if (point > 0 && point >= (k+1) && point != 0) //升级
                                                                                                                                                                   while (last->next) {
                                                                                                                                                                        last = last->next
               if (inter < 240 * level + 240) { level += 2; Addfood(fd, 2, 1, w1, w2); }
                                                                                                                                                                   node->prev = last;
last->next = node;
                if (level < 6) k = 13; else if (level < 18) k = 10 + level; else k = level * int(level / 8);//k 值计算
           return true:
                                                                                                                                                              //显示是空
                                                                                                                                                                  I starDisplay(_STAR*& L_star) {
if (!L_star || !L_star>node.next) {
return;
           EndBatchDraw();
                                                                                                                                                                    ;
//指向第一个链表节点
     EndStachDraw():
Sleep(2000):
if (level > 18)level = 18;
if (level < 1)preturn | 18 | 18 | 18 | 18 | 18 | 18 |
if (level < 1)preturn | 18 | 18 | 18 | 18 |
if (level < 1)preturn int(level / 2 + 1);
switch (level) { case(14)return 7; break; case(15)return 8; break; case(16)return 8; break; case(17)return 8; break; case(18)return
                                                                                                                                                                    _LinkNode* p = L_star.>node.next;
//查看距离的_STAR 头的位置
int offset = offsetof(_STAR, node);
                                                                                                                                                                   solidcircle(tmp->x, tmp->y, tmp->radius);
//指向下一个星星结构体里的 node 地址
  int Vestibularbackyard() {
     estibularbackyard() {
int point = 0;
IMAGE bk;
loadimage(&bk, _T("bk3.jpg"));
                                                                                                                                                              ,
//星星移动
     putimage(0, 0, &bk);
                                                                                                                                                              void moveStar( STAR*& L star) {
     int i:
      if (!L_star || !L_star->node.next) {
return;
     cleardevice();
for (i = 1; i < 10; i++) {
    switch (i)
                                                                                                                                                                    }
//指向第一个星星
_LinkNode* p = L_star->node.n
//查看距离的_STAR 头的位置
          、case(1)sprintf(s,_T("这里是小,课设的第三个项目: 小,的前庭后院,德谢您的参与: ")); break; case(2)sprintf(s,__T(r本环节需要您从以下三个小院实验中选择其中一个参与,并最击项目序号"); break; case(3)sprintf(s,__T("项目 1: 甜点派对"); break;
                                                                                                                                                                   int offset = offsetof(_STAR, node);
                                                                                                                                                                   while (p) {
```

```
_STAR* tmp = (_STAR*)((size_t)p - offset);
//擦除原来位置的星星
                           setfillcolor(BLACK);
                           solidcircle(tmp->x, tmp->y, tmp->radius);
//判断移动状态,通过步长移动坐标
            //默认都是 UP
                                     if (tmp->y \le 0) tmp->y = HEIGHT;
                        case DOWN:
                                      tmp \rightarrow y += tmp \rightarrow step;
if (tmp \rightarrow y \rightarrow= HEIGHT) tmp \rightarrow y = 0;
                                     if (tmp->x \le 0) tmp->x = WIDTH;
                         case RIGTH:
                                      \begin{aligned} &tmp > x += tmp > step; \\ &if (tmp > x >= WIDTH) &tmp > x = 0; \end{aligned}
                                       break;
                                    if (tmp->x >= WIDTH) tmp->x = 0;
                                                                                                                                       if (tmp->y >= HEIGHT) tmp->y = 0; break;
                                     tmp->x += tmp->step;
if (tmp->x >= WIDTH) tmp->x = 0;
                                                                                                                                         \begin{split} tmp -> y &= tmp -> step; \\ if (tmp -> y <= 0) & tmp -> y = HEIGHT; break; \end{split}
                                     tmp->x -= tmp->step;
                                                                                                                                        if (tmp->y>= HEIGHT) tmp->y=0; break;
                                     if (tmp->x \le 0) tmp->x = WIDTH;
                                    tmp->x -= tmp->step;
if (tmp->x <= 0) tmp->x = WIDTH;
                                                                                                                                        if(tmp->y \le 0) tmp->y = HEIGHT; break;
                           ,
//绘制新位置图像
                         setfillcolor(tmp->color);
                         solidcircle(tmp->x, tmp->y, tmp->radius);
//遍历到下一个星星的 node 地址
int ending(int n) {
            srand(time(NULL));
              STAR star:
            star.color = YELLOW;
                                                                       star.node.next = NULL; star.node.prev = NULL; star.radius = 5; star.status = 12; star.step = 3; star.x = 300; star.y = 300;
             //首星星的结构体指针
              starInit(L_star);
//添加 MAX_STAR 个星星
            for (int i = 0; i < MAX_STAR; i++) {
                        s_star = (_STAR*)malloc(sizeof(_STA
//初始化分配空间里的星星各个属性
                        initStar(s_star);
//分配星星里 node 的链表,形成双向链表[后插法]
linkInsert_back(&(L_star->node), &(s_star->node))
           HWND hwnd = GetHWnd():
             //並小生工
starDisplay(L_star);
//星星不断移动
              while (t <90000) {
// (尾部致谢词)
                         moveStar(L star);
                         Sleen(50):
                           setfillcolor(BLACK):
                        \frac{16(nad(\%)(0) = 0)}{16(nat(\%)(0))} \left\{ \frac{1}{s_s(m)} \left( \frac{1}{
                        if (t < 20000 * n)sprintf(s, _T("%d/%d"), t, 20000 * n);
                        else sprintf(s, _T("%d/%d, Press ESC to exit"), t, 210000 * n - 120000); if (t == 60000)cleardevice();
                        outextxy(0, 0, s);

if (_kbhit()) { key = _getch(); if (key == 27 && t>= 20000 * n) { mciSendString("close bkmusic", NULL, 0, NULL,); return t; } }
            ,
mciSendString("close bkmusic", NULL, 0, NULL); // 先把前面一次的音乐关闭
           return t:
  typedef struct clocktime
            int minutec
            int seconde:
            int hour:
            int minute;
int second;
int number;
int inter;
            int type;
            int jump;
             struct clocktime* next:
 Clocktime* CreatingClocktime() {
             int i = 0;
Clocktime* head = NULL, * end = NULL, * p;
            head = (Clocktime*)malloc(sizeof(Clocktime))
            srand(time(NULL));
            for (i = 0; i < 48; i++) {
                         p = (Clocktime*)malloc(sizeof(Clocktime));
                         if (p)
                                   if (i != 20) {
                                                p->hourc = rand() % 12:
                                                 p->minutec = rand() % 60;
p->secondc = rand() % 60;
                                                p->seconde = rand() % 60;
p->hour = p->houre; p->minute = p
p->number = i;
p->inter = rand() % 7 * 100 + 700;
                                                 p->type = rand() % 5 + 1;
                                                  p->jump = rand() % 100 * 10;
                                                  p->next = NULL:
```

```
p->hour = 0; p->minute = 0; p->second = 0; p->number = i; p->type = 1; p->inter = 1000; p->jump == 0; p->next = NULL;
                      return head;
   int _out(Clocktime* pt,int *t)
                        //settextstyle(18, 0, "微软雅黑")
                      float i = 0;
while (pt->next != NULL)
                                          if (pt->type == 1) {
                                                             circle(pt->number % 8 * 100 + 100, int(pt->number / 8) * 100 + 100, 50);
setlinestyle(PS SOLID, 2);
                                           } est if (pt-/type == 2) {
    settextsyle(24, 0, "微软擦黑");
    sprintf(s, _T("%0/24%0/24%0/24"), pt->hour, pt->minute, pt->second);
    outextsy(pt->number % 8 * 100 + 65; int(pt->number / 8 * 100 + 100, s);
}
                                                                 circle(pt->number % 8 * 100 + 100 + 15 * cos(pt->hour * PI / 6 + pt->minute * PI / 360 - PI / 2), pt->number / 8 * 100 + 100 + 15 *
   sin(pt>=hour *P1/6 + pt>=minute *P1/30 - P1/2), 10);
circle(pt>=number % 8 * 100 + 100 + 30 * cos(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), pt<=number /8 * 100 + 100 + 30 * sin(pt>=minute *P1/30 - P1/2), p
                                                             circle(pt->number % 8 * 100 + 100 + 45 * cos(pt->second * PI / 30 - PI / 2), pt->number / 8 * 100 + 100 + 45 * sin(pt->second * PI / 30 - PI
                                          else if (pt->type == 4) {
} csic if (pt>-type = 5) {
    settexstyle (16, 0, "微软赛里");
    sprint(s__T("$4024.5\$4024"), pt>-minute, pt>-second);
    outtextstyle 7-number *6 * * 100 + 90, int(pt>-number *6 *) * 100 + 95, 3);
    for (i = 0; i > pt>-hour; i+) { circle(pt>-number *6 * * 100 + 100 + 40 * * cos(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 6 - Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 40 * sin(i * Pt / 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-number / 8 * 100 + 40 * sin(i * 2), pt>-num
   6 - PI / 2), 8); }
                                             return 0;
   void reckon(Clocktime *pt,int *ti) {
                      while (pt->next != NULL)
                                          pt->second = pt->seconde + (* ti-pt->jump) / pt->inter,

pt->second = pt->minute = pt->minute = pt->minute = pt->hour = pt->nunter + (*ti-pt->jump) / 60.0 / 60.0 / pt->inter;

while (pt->second >= 60) { pt->second == 60; pt->minute++; }
                                        while (pt->second >= 60) { pt->second == 60; pt->minute++; while (pt->minute >= 60) { pt->hour++; } if (pt->hour == 12) { pt->hour == 0; } if (pt->hour == 12) { pt->hour == 0; } if (pt->minute == 20 && ** ti == 5000) { pt->hour+; } if (pt->minute == rand() % 12; pt->minute == rand() % 60; pt->second == rand() % 60; pt->second == rand() % 60; pt->inute == rand() % 7 * 100 + 700; pt->inute == rand() % 7 * 100 + 700; pt->tipte == rand() % 4 + 1;
                     }
                     Thantomspacetime() {
int i, point = 0, t = 0, ta = 0;
                      SYSTEMTIME time:
                      IMAGE bk:
                      loadinage(&bk, _T("bk51.jpg"));
Clocktime* cl;
cleardevice();
                      putimage(0, 0, &bk);
                          settextstyle(30, 0, "微软雅黑"); settextcolor(BLACK);
                          setbkmode(TRANSPARENT):
                      for (i = 1; i < 7; i++) {
switch (i)
                                        {
case(2)sprintf(s, ]T(感谢他参与到项目 5-2; 幻象时空(规则与"心理时惨密室"相同)")); break;
case(2)sprintf(s, ]T(在屏幕的右下角有一个红色按钮,按下回车, 中央的时钟将开始倒计时, ")); break;
case(3)sprintf(s, ]T("当然以为计时达到 30 秒,再次单击回车。倒计时停止。"); break;
case(4)sprintf(s, ]T("新皮沟的肿皮基于系统时间运行,由于排法因素,请不要"在接近整点时运行"); break;
case(6)scitextstyle(16.0, "微软雅里"); sprintf(s, ]T("os·这种小游戏就没有必要用秒表了吧。")); break;
                           setbkmode(OPAQUE); settextcolor(WHITE);
                      key = _getch();
key = 0;
                          cleardevice():
                      clearucvice();
GetLocalTime(&time();
GetLocalTime(&time);
ta = time.wMinute * 60000 + time.wSecond * 1000 + time.wMillise
                        BeginBatchDraw();
                      while (key != 13) {
                                          cleardevice():
                                          GetLocalTime(&time):
                                                                                                                                                                              t = time.wMinute * 60000 + time.wSecond * 1000 + time.wMilliseconds - ta
                                          URLOCATI INTECEMBER; 1—URLOWNING = 00000 ** UNIC SECOND ** 1000 ** UNIC SECOND *
                                                out(cl. ti):
                                        FlushBatchDraw();
sprintf(s, _T("%d"), ta);
reckon(cl, ti);
                                                                                                                                                       outtextvv(0, 0, s):
                                          Sleep(10); \\ if (\_kbhit()) \ \{ \ key = \_getch(); \ \} \\
                      GetLocalTime(&time);
```

t = time.wMinute * 60000 + time.wSecond * 1000 + time.wMilliseconds - ta:

```
\label{eq:continuous} \begin{split} &\text{if (point < 0)point = 0;} \\ &\text{sprintf(s, $\_T$("time:%d ms/30000 .point:%d"), t, point);} \end{split} \qquad \text{outtextxy}(0, 0, s); \end{split}
                EndBatchDraw();
                Sleep(2000);
  int Starworld() {
              int point = 0, project = 0;
                             xtstyle(24.0 "微软雅里"):
              settextstyle(24, 0, "版功和推論");
cleardevice();
IMAGE bk;
loadimage(&bk, _T("bk50.jpg"));
              putimage(0, 0, &bk);
                while (project != 2) {
                             for (i = 1; i < 8; i++) {
                                            switch (i)
                                            (scas(1)sprintfts_T("这里是小y课设的第五个项目,也是最后一个项目: 小y的星河世界,感谢您的参与: "); break; case(2)sprintfts_T("本环节需要您依念参与以下三个星河实验,请敲击%d 按键进入相应的子项目"), project + 1); break; case(3)sprintfts_T("事项目1. 璀璨星河"); break; case(4)sprintfts_T("者一眼吧,没有爱来,也没有规定,看完就算完成。"); break;
                                            casc(4)sprint(s、T(***)); break;
casc(6)sprint(s、T(**)); break;
casc(7)sprint(s、T(**項目 2: 幻象时空**)); break;
casc(7)sprint(s、T(**请进入子項目后查看相关信息。**)); break;
                                             outtextxy(40, 10 + 36 * i, s);
                             key = _getch();
                             switch (key)
                             \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\t
              return point;
                                                                                                                                                                                                      小 y 的 星 河 世 界 绘 制 结
                                                                                                                                                                                                                                                                                                                                                                                                                             束
 /***********************************
                                                                                                                                                                                                           小
                                                                                                                                                                                                                                                        的
                                                                                                                                                                                                                                                                            星
                                                                                                                                                                                                                                                                                               间
                                                                                                                                                                                                                                                                                                                                         界
                                                                                                                                                                                                                                                                                                                                                                44
                                                                                                                                                                                                                                                                                                                                                                                     80
                                                                                                                                                                                                                                                                                                                                                                                                       结
   void save(int *a,int m) {//将游戏存档入文件里
              char name[24];
              int code[6] = { 0 };
srand(time(NULL));
              code[0] = rand() % 9 + 1; code[1] = rand() % 9 + 1; code[2] = rand() % 9 + 1; code[3] = rand() % 9 + 1; code[4] = rand() % 9 + 1; code[5] = rand() % 9 + 1
1; if (m=0) InputBox(s, 10,_T("项目开始,请输入用户名: ")); clss if (m=1) InputBox(s, 10,_T("项目开始,请输入用户名: ")); clss if (m=1) InputBox(s, 10,_T("项目指束,请再公输入用户名: \n 如果您对本次课设提存在一些建议或意见,可以以文字或图片的形式填写在弹出的链接当中,谢谢! 阿时希望能够获得文件中的 save.txt. "));
            FILE* fp = NULL;
              int error
                 name[20] ='\0';
             name_t_up___stept__stept__state_t, skept___t_and__t_stept__state_t, skept__state_t, skept__st
                             printf("打开失败");
                if (fp)
\label{eq:first} \begin{split} &\text{if } (m == 1 \&\& *(a+4) > 5) &\text{fprintf\_s(fp, name, code[0], code[1], code[2], code[3], code[4], code[5]);} \end{split}
                            void initialization(int* p, int n,int *t)//初始界面绘制
             key = 0;
              clearcircle(50, 50, 40):
                 setbkmode(TRANSPARENT);
semmonet (RANSPAREN J;

IMAGE imgl, img01, img02, img03, img04, img05, img06;

loadimage(&img1, _T("bk1,jpg")); loadimage(&img01, _T("bk01,jpeg")); loadimage(&img02, _T("bk02,jpg")); loadimage(&img03, _T("bk03,jpeg"));

loadimage(&img04, _T("bk04,jpg")); loadimage(&img05, _T("bk05,jpeg")); loadimage(&img06, _T("bk06,jpeg"));
             putimage(0, 0, &img1);
              putmage(0, 0, &mg1;
putmage(0, 0, &mg1;
settextstyle(24, 0, "微软雅黑");
setfillcolor(RGB(202, 100, 234));
solidroundrect(420, 615, 830, 665, 20, 20);
switch (n + 1)
            outtextxy(435, 630, s); putimage(468, 290, &img01); break;
                                                                                                                                                                                             outlextxy(43:5, 630, s); putimage(468, 290, &img01); break;
outlextxy(43:5, 630, s); putimage(468, 290, &img02); break;
outlextxy(43:5, 630, s); putimage(468, 290, &img03); break;
outlextxy(43:5, 630, s); putimage(468, 290, &img04); break;
outlextxy(43:5, 630, s); putimage(468, 290, &img05); break;
outlextxy(43:5, 630, s); putimage(468, 290, &img06); bre
              default:
                 switch (*(p + n))
           case(-2).sprintf(s,_T("Hidden")); break;
case(-1).sprintf(s,_T("Locked")); break;
case(0).sprintf(s,_T("Locked")); break;
case(1).sprintf(s,_T("Grade: P)); break;
case(2).sprintf(s,_T("Grade: P)); break;
case(3).sprintf(s,_T("Grade: P)); break;
case(3).sprintf(s,_T("Grade: P)); break;
case(5).sprintf(s,_T("Grade: P)); break;
case(5).sprintf(s,_T("Grade: P)); break;
case(5).sprintf(s,_T("Grade: SS")); break;
case(8).sprintf(s,_T("Grade: SS")); break;
case(9).sprintf(s,_T("Grade: SSS")); break;
case(9).sprintf(s,_T("Grade: SSS")); break;
case(9).sprintf(s,_T("Grade: SSS")); break;
                  outtextxy(655, 630, s);
              outiexty(50-5, 60), s);
setticexts(pl(EACK);
setticexts(pl(EACK);
sprintfig___T=*vg *vs** 保存数据,请输入在辨出的窗口中,此部分部分图片由 DALLE mini 绘制。 %d/1200*),*t);
                 outtextxv(10, 660, s);
                setbkmode(OPAOUE):
                   ettextcolor(WHITE)
                  *t = *t + 3;
solidpie(20, 20, 80, 80, PI / 2, *t * 2 * PI / 1200 + PI / 2);
              FlushBatchDraw();
                                                                                                                                                                                                           初
                                                                                                                                                                                                                                          始
                                                                                                                                                                                                                                                                                                                                                                  制
```

point = int(10 - sqrt(abs(t - 30000) / 60.0));

```
using namespace std;
                initgraph(WIDTH, HEIGHT, EW\_SHOWCONSOLE \mid EW\_NOCLOSE); \\ int finish[6] = \{-2,0,0,-2,-1,-1\}; \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int now = 0, t = 0; \\ \\ int no
                 int* a = &finish[0], * ti = &t;
                      save(a, 0);
                 save(a, 0), while \{\text{finish}[4] > 2 \otimes \text{finish}[4] < 8 \otimes \text{finish}[5] = -1\} if (*a * *(a + 1) * *(a + 2) * *(a + 3) = 0) { \text{mciSendString}("open HOME.mp3 alias initmusic", NULL, 0, NULL); } else { \text{mciSendString}("open TheRightPath.mp3 alias initmusic", NULL, 0, NULL); } incistalization(finish, now, ti);
                                   BeginBatchDraw();
                                   if (finish[0] * finish[1] * finish[2] * finish[3] != 0) finish[4] = 0;
                                    if (t > 1200)finish[4] = -2;
                                   if (t > 1200)mnisn[4]

if (_kbhit()) {

    key = _getch();

    switch (key)
                                                    case('a'):if (now > 0)now = now - 1; break;
                                                    case(75):if (now > 0)now = now - 1; break
                                                      case('d'):if (now < 5)now = now + 1; break
                                                    case( g) ri, frow ">, jow = now +1; weak;
case(7) rii, frow ">, jow = now +1; break;
case(7) rii, frow ">, jow = now +1; break;
case(7) rii, frow ">, jow = now +1; break;
case(7) rii, froish[4] <= 0, finish[4] =-2; else { meiSendString("close initmusic", NULL, 0, NULL); EndBatchDraw(); finish[5] = 0; } break;
case(2) rii, (finish[4] <= 0, finish[4] =-2; else { meiSendString("close initmusic", NULL, 0, NULL); EndBatchDraw(); finish[5] = 0; } break;
                                                    case('1'):now = 0; break;
case('2'):now = 1; break;
                                                    case('3'):now = 2; break;
                                                    case('4'):now = 3; break
                                                    case('5'):now = 4; break;
case('6'):now = 5; break;
case(13):switch (now +
                                                       case(2):if (finish[1] != -1 && finish[1] != -2) { mciSendString("close initmusic", NULL, 0, NULL); EndBatchDraw(); finish[1] =
centregame(); t = 0; } break;
                                                    case(3):if (finish[2] != -1 && finish[2] != -2) { mciSendString("close initmusic", NULL, 0, NULL); EndBatchDraw(); finish[2] =
Vestibularbackyard(); t=0;} bn
                                                              \begin{aligned} &i(); \quad t=0; \; \} \quad \text{break;} \\ &se(5) &\text{eif (finish[4] !=-1) } \; \{ \text{meiSendString("close initmusic", NULL, 0, NULL); EndBatchDraw(); finish[4] = Starworld(); } \quad t=0; \; \} \quad \text{break;} \\ &\text{break;} \end{aligned} 
                                                    cleardevice();
                 if (finish[4] == -2) {
                                   initialization(a, now,ti);
                                   save(a, 1);
// (信息收集表单网址)
```