

计算机等级二级C语言程序设计100例九 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/246/2021\\_2022\\_\\_E8\\_AE\\_A1\\_E7\\_AE\\_97\\_E6\\_9C\\_BA\\_E7\\_c97\\_246206.htm](https://www.100test.com/kao_ti2020/246/2021_2022__E8_AE_A1_E7_AE_97_E6_9C_BA_E7_c97_246206.htm) 【程序91】 题目：

时间函数举例1 1.程序分析： 2.程序源代码： 以下是引用片段

```
#include "stdio.h" #include "time.h" void main() { time_t lt.  
/*define a longint time variable*/ lt=time(NULL)./*system time and  
date*/ printf(ctime( printf(asctime(localtime(  
printf(asctime(gmtime(
```

【程序92】 题目：时间函数举例2 1.程

序分析： 2.程序源代码： 以下是引用片段： /\*calculate time\*/

```
#include "time.h" #include "stdio.h" main() { time_t start,end. int i.  
start=time(NULL). for(i=0.i { printf("/1/1/1/1/1/1/1/1/1/1/n").}  
end=time(NULL). printf("/1: The different is  
%6.3f/n",difftime(end,start)). } 【程序93】 题目：时间函数举
```

例3 1.程序分析： 2.程序源代码： 以下是引用片段： /\*calculate  
time\*/ #include "time.h" #include "stdio.h" main() { clock\_t

```
start,end. int i. double var. start=clock(). for(i=0.i {  
printf("/1/1/1/1/1/1/1/1/1/1/n").} end=clock(). printf("/1: The  
different is %6.3f/n",(double)(end-start)). } 【程序94】 题目：时
```

间函数举例4,一个猜数游戏，判断一个人反应快慢。(版主初学时编的) 1.程序分析： 2.程序源代码： 以下是引用片段：

```
#include "time.h" #include "stdlib.h" #include "stdio.h" main() {char  
c. clock_t start,end. time_t a,b. double var. int i,guess.  
srand(time(NULL)). printf("do you want to play it.( ' y ' or ' n  
' ) /n"). loop: while((c=getchar())== ' y ' ) { i=rand()0.  
printf("/nplease input number you guess:/n"). start=clock().
```

```

a=time(NULL). scanf("%d",amp.guess).} else {printf("please input a
little bigger./n"). scanf("%d",amp.d).
sprintf(chtime,"M.d.d",d.da_year,d.da_mon,d.da_day). for(..) {
gotoxy(3,24).printf(" Tab __browse cost list Esc __quit").
gotoxy(13,10).printf(" "). gotoxy(13,13).printf(" ").
gotoxy(13,7).printf("%s",ctime). j=18. ch[0]=getch().
if(ch[0]==27) break. strcpy(chshop,""). strcpy(chmoney,"").
if(ch[0]==9) { mm:i=0. fp=fopen("home.dat","r ").
gotoxy(3,24).printf(" "). gotoxy(6,4).printf(" list records ").
gotoxy(1,5).printf("|-----|").
gotoxy(41,4).printf(" "). gotoxy(41,5).printf(" |").
while(fscanf(fp,"ss%f/n",ctime,chshop,&amp;chm)!=EOF) {
if(i==36) { getch(). i=0.} if ((i6) { gotoxy(4,6 i). printf(" ").
gotoxy(4,6 i).} else if((i6)>16) { gotoxy(41,4 i-17). printf(" ").
gotoxy(42,4 i-17).} i . sum=sum chm. printf("s %-14s
%6.1f/n",ctime,chshop,chm).}
gotoxy(1,23).printf("|-----
-----|"). gotoxy(1,24).printf(" | |").
gotoxy(1,25).printf("|-----
-----|"). gotoxy(10,24).printf("total is
%8.1f$",sum). fclose(fp). gotoxy(49,24).printf("press any key
to.....").getch().goto pp. } else { while(ch[0]!= ' /r ' ) { if(j {
strncat(ctime,ch,1). j .} if(ch[0]==8) { len=strlen(ctime)-1.
if(j>15) { len=len 1. j=11.} strcpy(ch1,""). j=j-2.
strncat(ch1,ctime,len). strcpy(ctime,"").
strncat(ctime,ch1,len-1). gotoxy(13,7).printf(" ").}

```

```
gotoxy(13,7).printf("%s",chtime).ch[0]=getch(). if(ch[0]==9) goto
mm. if(ch[0]==27) exit(1). } gotoxy(3,24).printf(" ").
gotoxy(13,10). j=0. ch[0]=getch(). while(ch[0]!= ' /r ' ) { if (j {
strncat(chshop,ch,1). j .} if(ch[0]==8) { len=strlen(chshop)-1.
strcpy(ch1,""). j=j-2. strncat(ch1,chshop,len). strcpy(chshop,"").
strncat(chshop,ch1,len-1). gotoxy(13,10).printf(" ").}
gotoxy(13,10).printf("%s",chshop).ch[0]=getch().} gotoxy(13,13).
j=0. ch[0]=getch(). while(ch[0]!= ' /r ' ) { if (j {
strncat(chmoney,ch,1). j .} if(ch[0]==8) { len=strlen(chmoney)-1.
strcpy(ch1,""). j=j-2. strncat(ch1,chmoney,len). strcpy(chmoney,"").
strncat(chmoney,ch1,len-1). gotoxy(13,13).printf(" ").}
gotoxy(13,13).printf("%s",chmoney).ch[0]=getch().}
if((strlen(chshop)==0)|| (strlen(chmoney)==0)) continue.
if((fp=fopen("home.dat","a "))!=NULL).
fprintf(fp,"ss%6s",ctime,chshop,chmoney). fputc( ' /n ' ,fp).
fclose(fp). i . gotoxy(41,5 i). printf("s %-14s
%-6s",ctime,chshop,chmoney). }}} 100Test 下载频道开通 , 各类
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