1、

#include<stdio.h>

void main()

{

int n, i, j,k,l,m;

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

for (j = 1; j <= n; j++)

{

for (i = 1; i <= (n+1)/2; i++)

{

if (j == i || j == (n + 1 - i))

{

for (k = 1; k <= i - 1; k++)printf(" ");

for (l = 1; l <= n - 2 \* (i - 1); l++)printf("\*");

for (m = 1; m <= i - 1; m++)printf(" ");

}

}

printf("\n");

}

}

2、

#include<stdio.h>

void main()

{

int n,i,j,k;

for (n = 26; n > 0; n--)

{

for (j = 1; j <= n - 1; j++)printf(" ");

for (i = 65; i <= 91 - n; i++)printf("%c ", i);

for (k = 1; k <= n - 1; k++)printf(" ");

printf("\n");

}

}

3、

#include<stdio.h>

void main()

{

int year, month, day,day\_y=365,i,daysum=0,feb=28,week,daym=0,day\_year=0;

printf("请输入年月日 如“2000.1.1”（不得早于2000年）\n");

scanf\_s("%d.%d.%d", &year, &month, &day);

for (i = 2000; i <= year-1; i++)

{

if ((i % 4 == 0 && i % 100 != 0) || (i % 400 == 0))day\_y = 366;

else day\_y = 365;

daysum += day\_y;

}

if ((year % 4 == 0 && year % 100 != 0) || (year % 400 == 0))feb = 29;

switch (month)

{

case 12:daym += 30;

case 11:daym += 31;

case 10:daym += 30;

case 9:daym += 31;

case 8:daym += 31;

case 7:daym += 30;

case 6:daym += 31;

case 5:daym += 30;

case 4:daym += 31;

case 3:daym += feb;

case 2:daym += 31;

}

day\_year = daym + day;

daysum += daym+day+5;

week = daysum % 7;

printf("这一天是%d年第%d天星期",year,day\_year);

switch (week)

{

case 0:printf("日"); break;

case 1:printf("一"); break;

case 2:printf("二"); break;

case 3:printf("三"); break;

case 4:printf("四"); break;

case 5:printf("五"); break;

case 6:printf("六"); break;

}

}