

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
```

```
int main()
{
    int i = 1;
    while (i <= 100)
    {
        if (i%2 != 0)
            printf("%d", i);
        i++;
    }

    return 0;
} //输出1-100的奇数
```

二

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
```

```
int main()
{
    int day = 0;
    scanf("%d", &day);
    switch (day) //适合用于多分支
    {
        case 1:
            printf("星期一");
        case 2:
            printf("星期二");
        case 3:
            printf("星期三");
            break; //用于跳出switch语句
        case 4:
            printf("星期四");
        case 5:
            printf("星期五");
    }

    /*
    if (1 == day)
        printf("星期一");
    else if (2 == day)
        printf("星期二");
    else if (3 == day)
        printf("星期三");
    else if (4 == day)
        printf("星期四");
    else if (5 == day)
        printf("星期五");*/

    return 0;
}
```

```
}
```

三

```
int main()
{
    int i = 1;
    while (i<=10)
    {
        printf("%d", i);
        i++;
    }

    return 0;
}
```

四

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
```

```
int main()
{
    int ch = 0;
    while ((ch = getchar()) != EOF)
    {
        putchar(ch);
    }//遇到Ctrl z结束进程
    /*int ch = getchar();
    putchar(ch);
    printf("%c", ch);

    */

    return 0;
}
```

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
```

```
int main()
{
    char password[20] = { 0 };
    printf("请输入密码: ");
    scanf("%s", password);
    //int ch = 0;
    //while ((ch = getchar()) != EOF)//EOF是end of file文件结束标志
    //{

    //    putchar(ch);
    //}
    //return 0;
}
```

四

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

int main()
{
    int r = 0;
    int ch = 0;
    char password[20] = { 0 };
    printf("请输入密码: ");
    scanf("%s", password);
    while (getchar() != '\n')
    {
        ;
    }
    printf("请确认 (y/n)");
    getchar();

    r = getchar();
    if (r == 'y')
        printf("认证成功");
    else
        printf("放弃");

    //int ch = 0;
    //while ((ch = getchar()) != EOF)//EOF是end of file文件结束标志
    //{

    //    putchar(ch);
    //}
    //return 0;
}
```

五

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

int main()
{
    int ch = 0;
    while ((ch = getchar()) != EOF)
    {
        if (ch < '0' || ch > '9')
            continue;
        putchar(ch);
    }
    return 0;
}

#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
```

```

int main()
{
    int i = 0;
    int k = 0;
    for (i = 0, k = 0; k == 0; i++, k++)

        return 0;
}
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

```

```

int main()
{
    int n = 0;
    int x = 1;
    int k = 0;
    int sum = 0;

    for (k = 1; k <= 3; k++)
    {
        x = 1;
        for (n = 1; n <= k; n++)
        {
            x = x * n;
        }
        sum = sum + x;
    }

    printf("%d", sum);
    return 0;
}

```

```

#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

int main()
{
    int n = 0;
    int x = 1;
    int k = 0;
    int sum = 0;

    for (k = 1; k <= 3; k++)
    {
        x = 1;
        for (n = 1; n <= k; n++)
        {
            x = x * n;

```

```

        } //n的阶乘
        sum = sum + x;
    }

    printf("%d", sum);
    return 0;
}
八
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

int main()
{
    int arr[] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
    int k = 7;
    int i = 0;
    int sz = sizeof(arr) / sizeof(arr[0]);
    for (i = 0; i < sz; i++)
    {
        if (k == arr[i])
        {
            printf("找到啦，下标是： %d", i);
            break;
        }
    }

    if (i == sz)
        printf("找不到");
}

```

```

九
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>

int main()
{
    int arr[] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
    int k = 1;
    int sz = sizeof(arr) / sizeof(arr[0]);
    int right = sz - 1; //右下标
    int left = 0; //左下标
    while (left <= right)
    {
        int mid = (left + right) / 2; //中间元素下标
        if (arr[mid] > k)
        {
            right = mid - 1;
        }
        else if (arr[mid] < k)
        {
            left = mid + 1;
        }
    }
}

```

```

    }
    else
    {
        printf("找到啦, 下标是: %d", mid);
        break;
    }
    if (left > right)
    {
        printf("找不到");
    }
}

return 0;

```

十一

```

#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<string.h>
#include<windows.h>
#include<stdlib.h>
int main()
{
    char arr1[] = "xuexi jingbu qiangda!!!!!!";
    char arr2[] = "#####";
    int left = 0;
    int right = strlen(arr1) - 1;
    //int right = sizeof(arr1) / sizeof(arr1[0]) - 2;
    while (left<=right)
    {

        arr2[left] = arr1[left];
        arr2[right] = arr1[right];
        printf("%s\n", arr2);
        Sleep(1000);
        system("cls");
        left++;
        right--;

    }

    return 0;
    printf("%s\n", arr2);
}

```

十二

```

#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<string.h>
#include<windows.h>
#include<stdlib.h>
int main()

```

```
{  
    int i = 0;  
    char password[20] = {0};  
    for(i = 0; i < 3; i ++ )  
    {  
        printf("请输入密码: ");  
        scanf("%s", password);  
        if (strcmp(password, "123456")==0)//等号不能用来判断两个字符是否相等  
        {  
            printf("欢迎光临");  
            break;  
        }  
    }  
    if (i == 3)  
        printf("滚");  
  
    return 0;  
}
```