```
# include < stdio.h>
int main {
    int h, +, c, r, b=0
    while (b==0)
       printf("请输入头的数量");
       scanf("%d", &h);
       printf("请输入时的数量:");
       scan+("%d", &t);
       汁(h!=0 ll +!=0) f
          +or (c=0, c<=h, c++);
             Γ= h-C;
             it (2C+41==+)
                break;
          it ( t > 4h | 1 < 2h | 1 <= 0)
             printf("输入数量有误,清重新输入");
          else
            printf("对的数量为%d\n 名的数量为%d", c,r);
       else
          b=1;
    return 0;
```

```
l.
#include < stdio.n>
int main () {
   int atzol, y;
  tor ( y=0, y(20, y++) }
      计(1/20)
        a[4]=2
      else it (y<3)
         a[y] = a[y-1]+1;
      else
         aly]=2* aly-3]+3;
     printf ("第%d年午的数量为%d", y+1, a [y]);
   return 0;
```

```
21
# include < stdiv.h>
int main () {
   int a [10];
   int i, sum = 0, max, min;
   float ave;
   for (1=0, i<10, i++) {
      printf ("清输入第2d个整数\n", i+1);
      scant ("%d", &ali]);
      sum += a [i];
      it (1=0) {
         max=aco7;
         min = a[0];
      it (ati] > max)
         max = a lil;
      it (atil < min)
         min = ati];
   ave = sum (10;
   printf ("总和是%d\n平均值是%+\n最大值是%d\n最价值是%d\n,
                                          sum, ave, max, min);
   return 0;
```

```
3.
# include < stdio.h>
int main () {
    int a [9];
    int a, 5=0, i, j, b=0;
   tor (a co] = 1; a co] < 10; a co] ++) {
     tor (aci] =0; aci] < 10; aci2++) {
       tor (a [2] =0; a [2] < 10; a [2] ++) {
         tor ( a [3] =0; a [3] < 10; a [3] ++) {
           tor ( a [4] =0; a [4] < 10; a [6] ++) {
             tor (act) =0; acs] < 10; acr2++) {
               tor (a 667 =0; a 667 < 10; a 662++) {
                 tor (a [7] =0; a [7] < 10; a [7] ++) {
                   tor (a [8] =0; a[8] < 10; a[8]++) {
                      a= ((10* ato] + ato] + (100 + ato] + (0 * ato)]+at4])
                           == (1000 * acs] + [00 * ac6] + 107 ac7] + ac8]);
                     tor (i=0; i<9; i++) {
                       tor(j=0;j<9;j++){
                          if (i!= j && data [i] == data [i])
                             b=b+1;
                      it (b==0 && a==1)
                          5+=1;
```

```
}
}

}

printf("共有%d种情况",s);
return 0;
```