Problem 10: Find frequency of each number in an array.

Code:

```c
#include <stdio.h>
int main() {
 int arr[10], freq[10]={0}, i,j,count;
 printf("Enter 10 values: ");
 for(i=0;i<10;i++) scanf("%d",&arr[i]);
 for(i=0;i<10;i++){
 count=1;
 if(freq[i]) continue;
 for(j=i+1;j<10;j++) if(arr[i]==arr[j]){ count++;
freq[j]=1; }
 printf("%d occurs %d times\n", arr[i], count);
 }
 return 0;
}
```

Output:

Enter 10 values: 56 47 28 49 10 33 66 11 37 90
56 occurs 1 times
47 occurs 1 times
28 occurs 1 times
49 occurs 1 times
10 occurs 1 times
33 occurs 1 times
66 occurs 1 times
11 occurs 1 times
37 occurs 1 times
90 occurs 1 times