finding frequency of each element in an array
input:
{1,2,3,2,3,4,5,7,5,4,7,9,1,4,1}
output:
1 occurs 3 times
2 occurs 2 times
3 occurs 2 times
4 occurs 3 times
5 occurs 2 times
7 occurs 2 times
9 occurs 1 times
program:

```c
#include <stdio.h>

int main()
{
int arr[100], freq[100];
int size, i, j, count;


printf("\nEnter size of array: ");
scanf("%d", &size);


printf("\nEnter elements in array: ");
for(i=0; i<size; i++)
{
scanf("%d", &arr[i]);


freq[i] = -1;
}


for(i=0; i<size; i++)
{
count = 1;
for(j=i+1; j<size; j++)
{

if(arr[i]==arr[j])
{
count++;


freq[j] = 0;
}
}


if(freq[i] != 0)
{
freq[i] = count;
}
}


printf("\nFrequency of all elements of array : \n");
for(i=0; i<size; i++)
{
if(freq[i] != 0)
{
printf("%d occurs %d times\n", arr[i], freq[i]);
}
```

```
}
}
```