```c
#include <stdio.h>

int main () {
// Write C code here

int arr [] = {1,2,2,1,3,3,5,3,1};

int length=sizeof(arr)/sizeof (arr [0]);

int fr[length];

int visited=-1;

for (int i=0; i<length; i++)

{

int count=1;

for (int j=i+1; j<length; j++)

  {

if(arr[i]==arr[j])

 {

 count++;

 fr[j]=visited;

 }

}

if(fr[i] != visited)

fr[i]=count;

 }

for (int i=0; i<length; i++)

{

if(fr[i]!= visited)

{
```

```c
printf (" the frequency of %d is %d\n" ,arr[i],fr[i]);

}

}

return 0;

}
```

```
the frequency of 1 is 3
the frequency of 2 is 2
the frequency of 3 is 3
the frequency of 5 is 1


Process returned 0 (0x0)   execution time : 0.006 s
Press any key to continue.
```