C 32_q63.c > ⊙ main()

```c
// Q63: Merge two arrays.

/*
Sample Test Cases:
Input 1:
3
1 2 3
2
4 5
Output 1:
1 2 3 4 5

*/

#include<stdio.h>
int main(){
int n,m,i,j;
scanf("%d",&n);
int a[n];
for(i=0;i<n;i++)scanf("%d",&a[i]);
scanf("%d",&m);
int b[m];
for(i=0;i<m;i++)scanf("%d",&b[i]);
for(i=0;i<n;i++)printf("%d ",a[i]);
for(i=0;i<m;i++)printf("%d ",b[i]);
return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\32_q63.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
3
1 2 3
2
4 5
1 2 3 4 5
PS C:\Users\drago\OneDrive\Desktop\C H.W>
```

C 32_q64.c > ⊕ main()

```c
// Q64: Find the digit that occurs the most times in an integer number.

/*
Sample Test Cases:
Input 1:
112233
Output 1:
1

Input 2:
887799
Output 2:
7

*/

#include<stdio.h>
int main(){
int n,temp,digit,count,maxcount=0,maxdigit=0;
scanf("%d",&n);
temp=n;
while(temp>0){
digit=temp%10;
count=0;
int x=n;
while(x>0){
if(x%10==digit)count++;
x/=10;
}
if(count>maxcount){
maxcount=count;
maxdigit=digit;
}
temp/=10;
}
printf("%d",maxdigit);
return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\32_q64.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
112233
3
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\32_q64.c
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
887799
9
PS C:\Users\drago\OneDrive\Desktop\C H.W>
```