

CODE:

```
print1to100.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      for(int i=1;i<=100;i++) cout << i << " ";
6
7      return 0;
8  }
```

OUTPUT:

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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```
C:\Users\NoBody\Desktop\241311058DS>cd "c:\Users\No
Body\Desktop\241311058DS\" && g++ print1to100.cpp -
o print1to100 && "c:\Users\NoBody\Desktop\241311058
DS\"print1to100
```

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71
72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88
89 90 91 92 93 94 95 96 97 98 99 100
c:\Users\NoBody\Desktop\241311058DS>
```

CODE:

```
Arraytest.cpp > ...
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n;
6      cout << "enter the array size: " ;
7      cin >> n ;
8
9      int array[n];
10
11     cout << "Enter the array elements: " ;
12
13     for(int i=0;i<n;i++){
14         cin >> array[i] ;
15     }
16
17     for(int i=0;i<n;i++){
18         cout << array[i] << " ";
19     }
20
21     return 0;
22 }
```

OUTPUT:

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```
C:\Users\NoBody\Desktop\241311058DS>cd "c:\Users\No
Body\Desktop\241311058DS\" && g++ Arraytest.cpp -o
Arraytest && "c:\Users\NoBody\Desktop\241311058DS\"
Arraytest
enter the array size: 5
Enter the array elements: 3 6 9 2 5
3 6 9 2 5
c:\Users\NoBody\Desktop\241311058DS>
```

CODE:

```
Sum_of_the_array.cpp > ...
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n;
6      int sum=0;
7
8      cout << "enter the array size: " ;
9      cin >> n ;
10
11     int array[n];
12
13     cout << "Enter the array elements: " ;
14     int i
15     for(int i=0;i<n;i++) {
16         cin >> array[i] ;
17         sum = sum + array[i] ;
18     }
19
20     cout << "Sum is = " << sum ;
21
22     return 0;
23 }
```

OUTPUT:

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```
C:\Users\NoBody\Desktop\241311058DS>cd "c:\Users\No
Body\Desktop\241311058DS\" && g++ Sum_of_the_array.
cpp -o Sum_of_the_array && "c:\Users\NoBody\Desktop
\241311058DS\"Sum_of_the_array
enter the array size: 4
Enter the array elements: 9 0 3 -9
Sum is = 3
c:\Users\NoBody\Desktop\241311058DS>
```

## CODE:

```
Max_and_Min_Findout.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n;
6      cout << "enter the array size: " ;
7      cin >> n ;
8
9      int array[n];
10
11     cout << "Enter the array elements: " ;
12
13     for(int i=0;i<n;i++) { cin >> array[i] ; }
14
15     int Max = array[0];
16     int Min = array[0];
17
18     for(int i=0;i<n;i++){
19         if(Max<array[i]){
20             Max=array[i];
21         }
22         if(Min>array[i]){
23             Min=array[i];
24         }
25     }
26
27     cout << "maximum number is :" << Max << endl ;
28     cout << "minimum number is :" << Min << endl ;
29
30     return 0;
31 }
```

## OUTPUT:

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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```
C:\Users\NoBody\Desktop\241311058DS>cd "c:\Users\No
Body\Desktop\241311058DS\" && g++ Max_and_Min_Findo
ut.cpp -o Max_and_Min_Findout && "c:\Users\NoBody\D
esktop\241311058DS\"Max_and_Min_Findout
enter the array size: 7
Enter the array elements: 6 9 3 2 -9 0 10
maximum number is :10
minimum number is :-9
```

```
c:\Users\NoBody\Desktop\241311058DS>
```

## CODE:

separate\_the\_even\_and\_odd\_element.cpp > ...

```
1
2 #include <iostream>
3 using namespace std;
4
5 int main() {
6     int n;
7     cout << "enter the array size: " ;
8     cin >> n ;
9
10    int array[n];
11
12    cout << "Enter the array elements: " ;
13
14    for(int i=0;i<n;i++){ cin >> array[i] ; }
15
16    int odd[n];
17    int even[n];
18
19    int oddtemp=0;
20    int eventemp=0;
```

```
21
22
23     for(int i=0; i<n ;i++){
24         if(array[i]%2==0){
25             even[eventemp]=array[i];
26             eventemp++;
27         }else{
28             odd[oddtemp]=array[i];
29             oddtemp++;
30         }
31
32     cout << "\nOdd number: " ;
33     for(int i=0; i<oddtemp ;i++){cout << odd[i] << " " ;}
34
35     cout << "\nEven number: " ;
36     for(int i=0; i<eventemp ;i++){cout << even[i] << " " ;}
37
38     return 0;
39 }
```

## OUTPUT:

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```
C:\Users\NoBody\Desktop\241311058DS>cd "c:\Users\No
Body\Desktop\241311058DS\" && g++ separate_the_even
_and_odd_element.cpp -o separate_the_even_and_odd_e
lement && "c:\Users\NoBody\Desktop\241311058DS\"sep
arate_the_even_and_odd_element
enter the array size: 10
Enter the array elements: 1 0 9 3 6 5 4 8 8 16
```

Odd number: 1 9 3 5

Even number: 0 6 4 8 8 16

```
c:\Users\NoBody\Desktop\241311058DS>
```