

# Testing Intelligence

## Submitted Code

Language: C

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```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6
7 int main()
8 {
9     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
10    int n,i,j,r,m=0;
11    scanf("%d",&n);
12    int Z[n];
13    for(i=0;i<n;i++)
14        scanf("%d",&Z[i]);
15    for(i=0;i<n;i++)
16    {
17        for(j=0;j<n;j++)
18        {
19            r=Z[i]%Z[j];
20            if(r>m)
21            {
22                m=r;
23            }
24        }
25    }
26    printf("%d",m);
27
28    return 0;
29 }
```