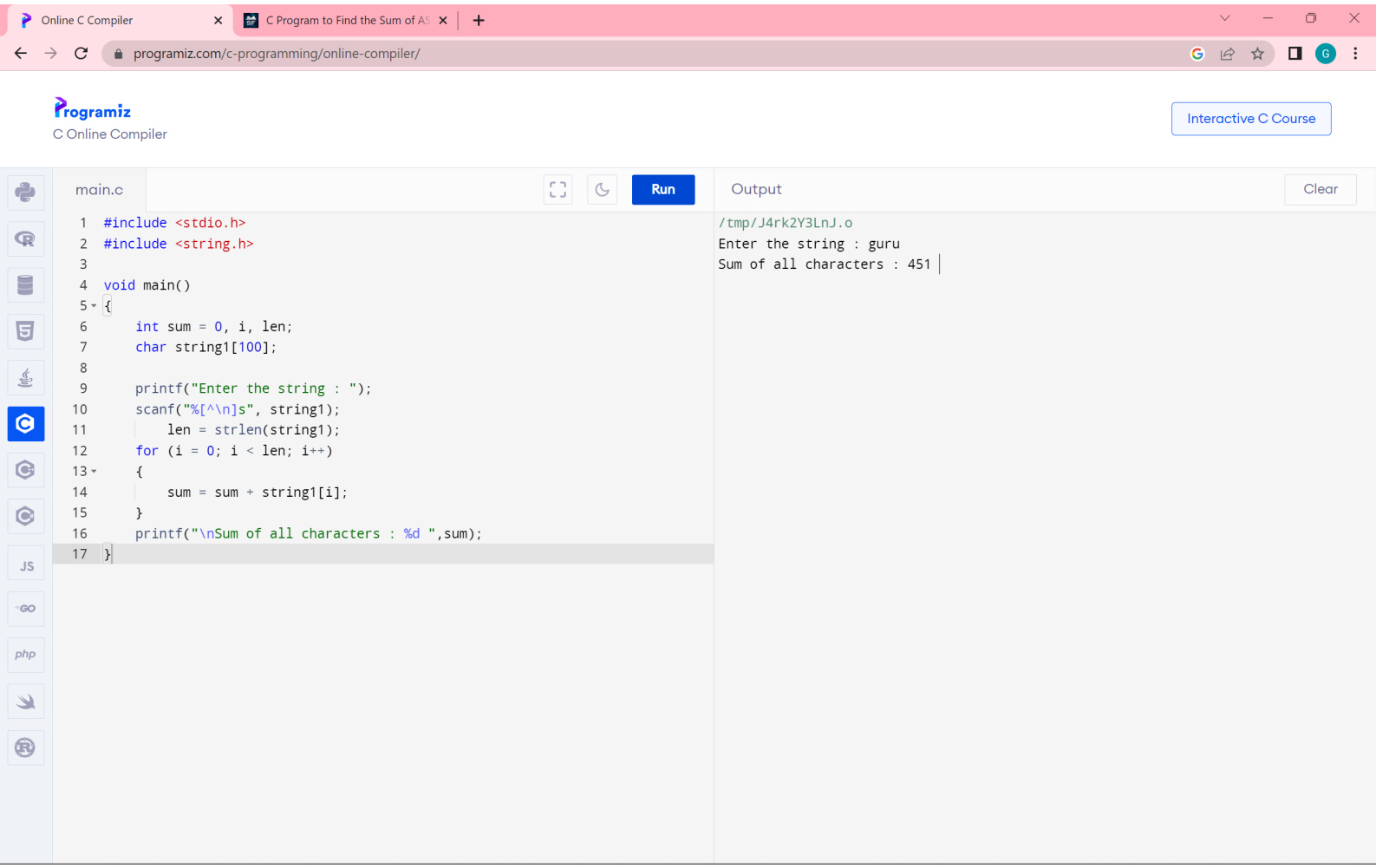
Online C Compiler
C Program to Find the Sum of AS
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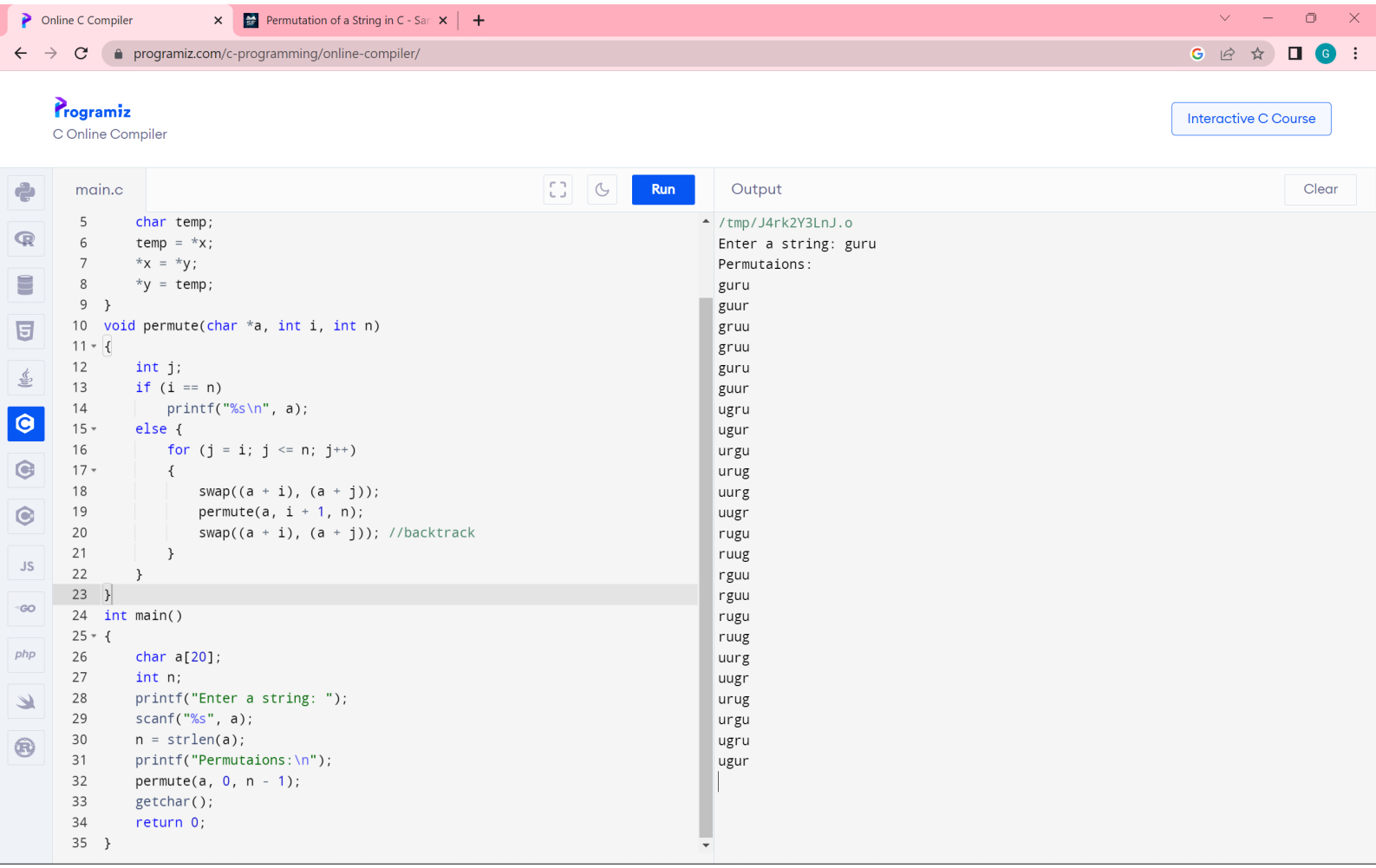
C Online Compiler
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
#include <string.h>
void main()
{
int sum = 0, i, len;
char string1[100];
printf("Enter the string : ");
scanf("%[^\n]s", string1);
len = strlen(string1);
for (i = 0; i < len; i++)
{
sum = sum + string1[i];
}
printf("\nSum of all characters : %d ",sum);
}
/tmp/J4rk2Y3LnJ.o
Enter the string : guru
Sum of all characters : 451


Online C Compiler
Permutation of a String in C - Sar
programiz.com/c-programming/online-compiler/
Programiz
C Online Compiler
Interactive C Course
main.c
Run
Output
Clear
5 char temp;
6 temp = *x;
7 *x = *y;
8 *y = temp;
9 }
10 void permute(char *a, int i, int n)
11 {
12 int j;
13 if (i == n)
14 printf("%s\n", a);
15 else {
16 for (j = i; j <= n; j++)
17 {
18 swap((a + i), (a + j));
19 permute(a, i + 1, n);
20 swap((a + i), (a + j)); //backtrack
21 }
22 }
23 }
24 int main()
25 {
26 char a[20];
27 int n;
28 printf("Enter a string: ");
29 scanf("%s", a);
30 n = strlen(a);
31 printf("Permutaions:\n");
32 permute(a, 0, n - 1);
33 getchar();
34 return 0;
35 }
/tmp/J4rk2Y3LnJ.o
Enter a string: guru
Permutaions:
guru
guur
gruu
gruu
guru
guur
ugru
ugur
urgu
urug
uurg
uugr
rugu
ruug
rguu
rguu
rugu
ruug
uurg
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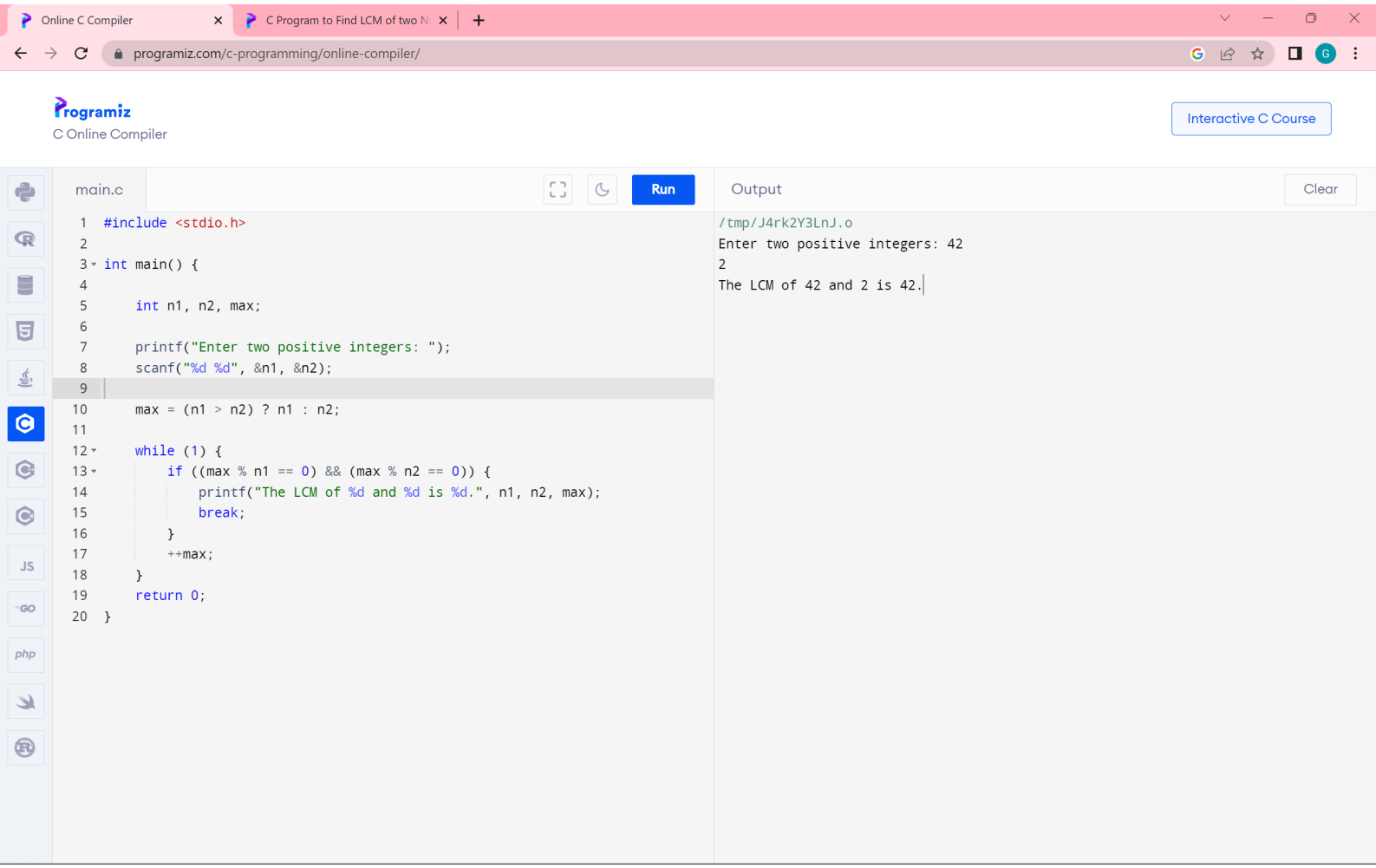
urug
urgu
ugru
ugur


Online C Compiler
C Program to Find LCM of two N
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Programiz
C Online Compiler
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
int main() {
int n1, n2, max;
printf("Enter two positive integers: ");
scanf("%d %d", &n1, &n2);
max = (n1 > n2) ? n1 : n2;
while (1) {
if ((max % n1 == 0) && (max % n2 == 0)) {
printf("The LCM of %d and %d is %d.", n1, n2, max);
break;
}
++max;
}
return 0;
}
/tmp/J4rk2Y3LnJ.o
Enter two positive integers: 42
2
The LCM of 42 and 2 is 42.

Online C Compiler | Anagram Program in C | String A

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main.c

Run

Output

Clear

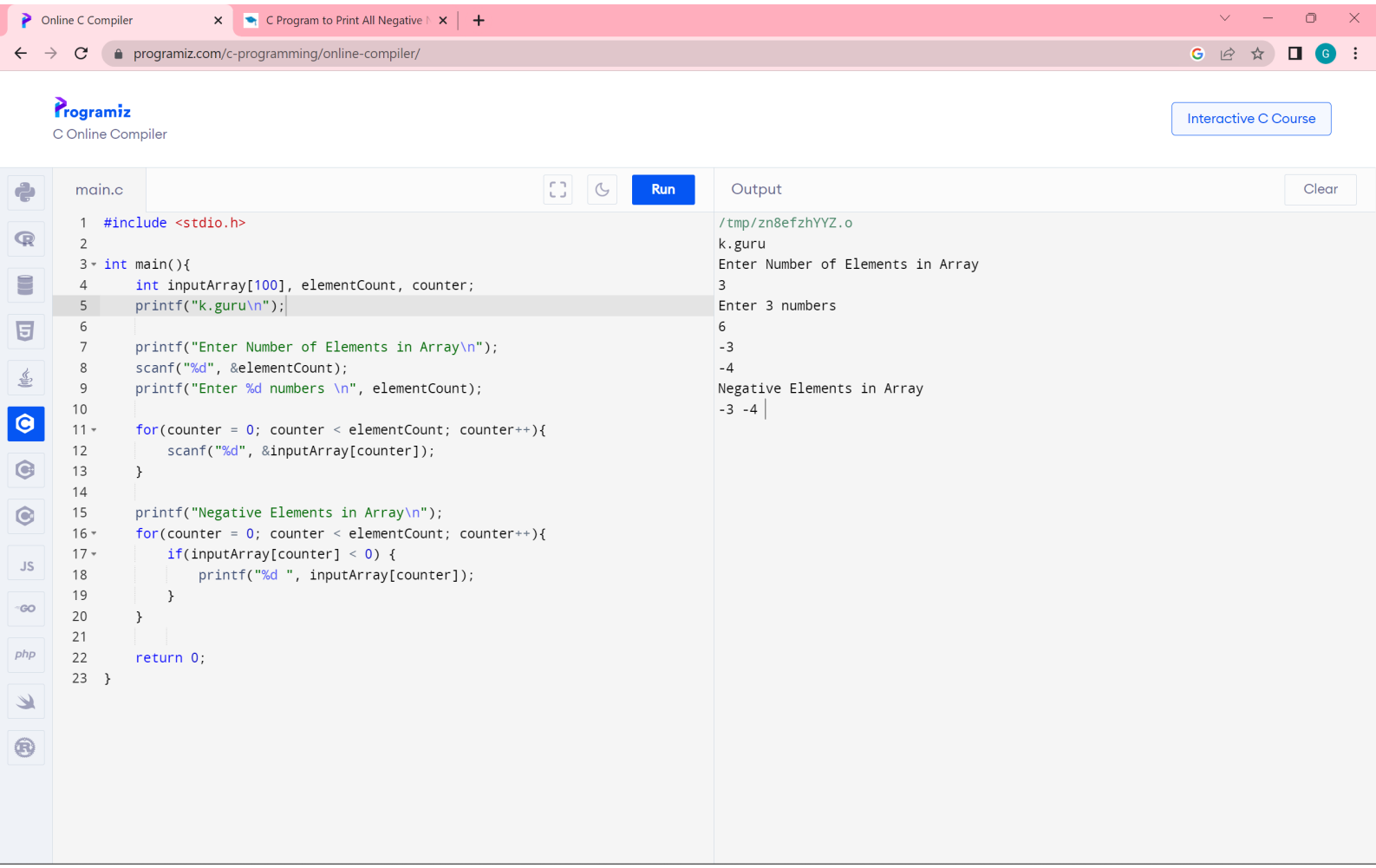
```c
#include <stdio.h>

int find_anagram(char [], char []);

int main()
{
    char array1[100], array2[100];
    int flag;
    printf("Enter the string\n");
    gets(array1);
    printf("Enter another string\n");
    gets(array2);
    flag = find_anagram(array1, array2);
    if (flag == 1)
        printf("%s and %s are anagrams.\n", array1, array2);
    else
        printf(" %s and %s are not anagrams.\n", array1, array2);
    return 0;
}
int find_anagram(char array1[], char array2[])
{
    int num1[26] = {0}, num2[26] = {0}, i = 0;

    while (array1[i] != '\0')
    {
        num1[array1[i] - 'a']++;
        i++;
    }
    i = 0;
    while (array2[i] != '\0')
    {
```

```
/tmp/J4rk2Y3LnJ.o
Enter the string
guru
Enter another string
sai
guru and sai are not anagrams.
```


Online C Compiler
C Program to Print All Negative
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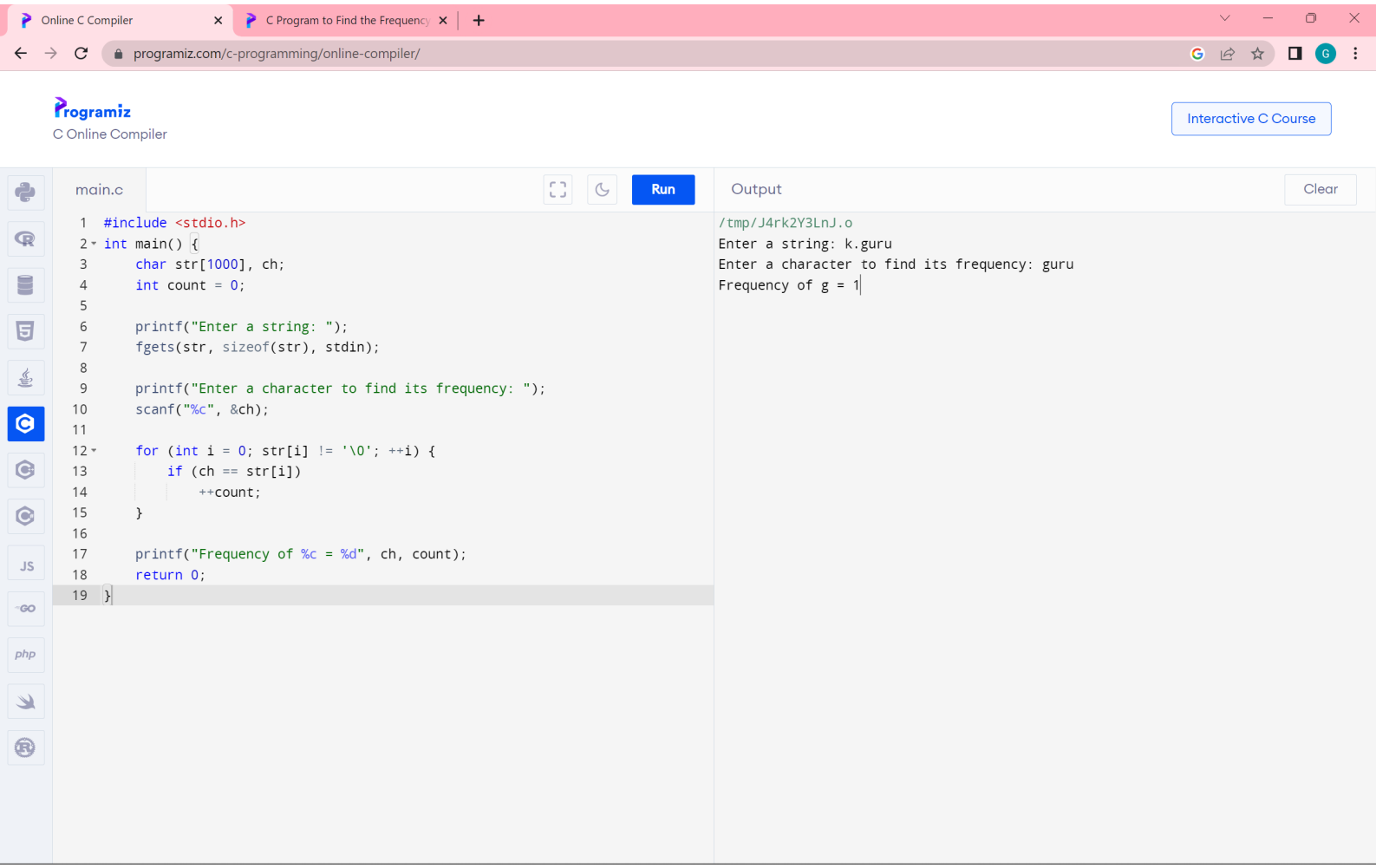
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
int main(){
int inputArray[100], elementCount, counter;
printf("k.guru\n");
printf("Enter Number of Elements in Array\n");
scanf("%d", &elementCount);
printf("Enter %d numbers \n", elementCount);
for(counter = 0; counter < elementCount; counter++){
scanf("%d", &inputArray[counter]);
}
printf("Negative Elements in Array\n");
for(counter = 0; counter < elementCount; counter++){
if(inputArray[counter] < 0) {
printf("%d ", inputArray[counter]);
}
}
return 0;
}
/tmp/zn8efzhYYZ.o
k.guru
Enter Number of Elements in Array
3
Enter 3 numbers
6
-3
-4
Negative Elements in Array
-3 -4


Online C Compiler
C Program to Find the Frequency
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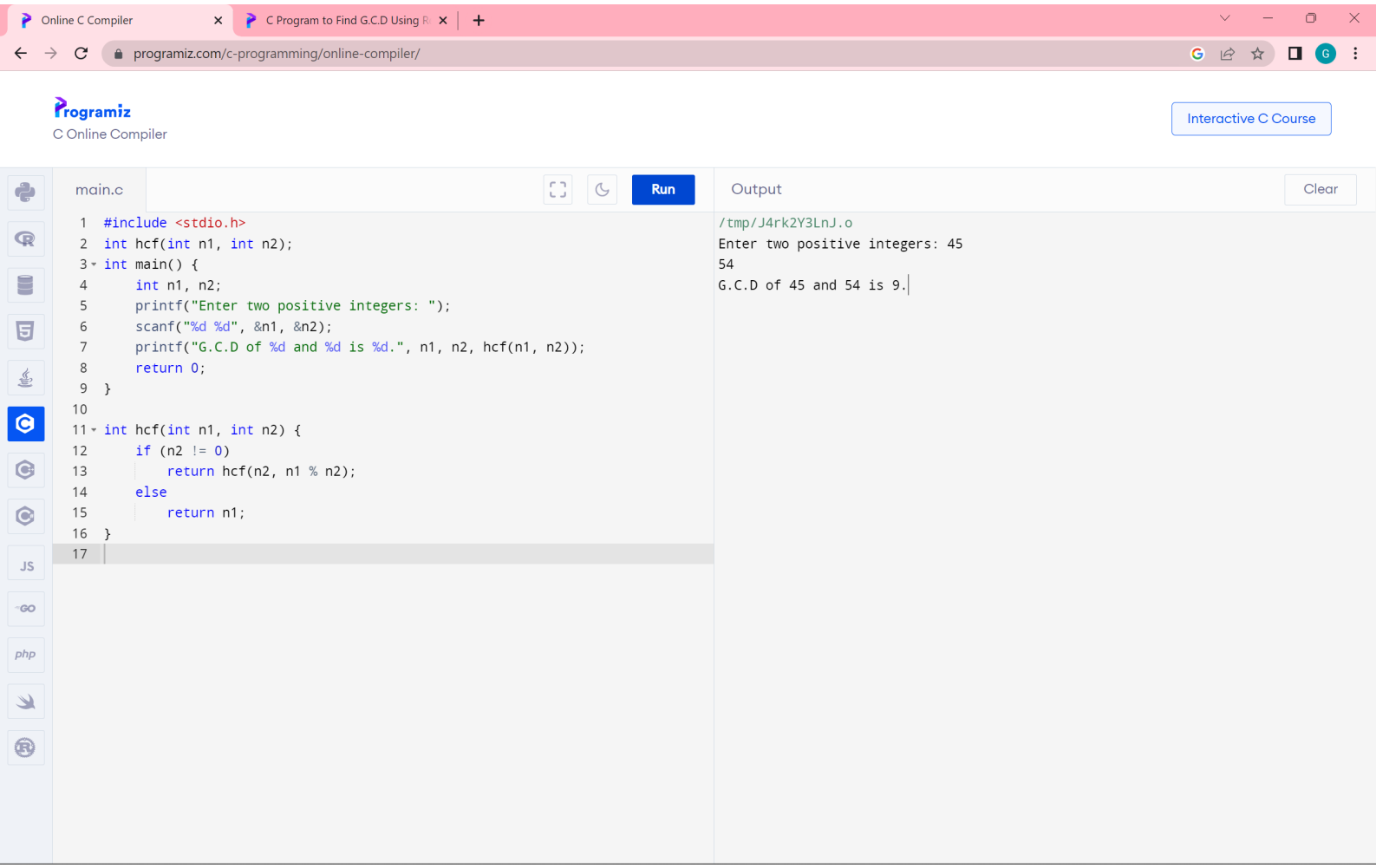
Programiz
C Online Compiler
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
int main() {
char str[1000], ch;
int count = 0;
printf("Enter a string: ");
fgets(str, sizeof(str), stdin);
printf("Enter a character to find its frequency: ");
scanf("%c", &ch);
for (int i = 0; str[i] != '\0'; ++i) {
if (ch == str[i])
++count;
}
printf("Frequency of %c = %d", ch, count);
return 0;
}
/tmp/J4rk2Y3LnJ.o
Enter a string: k.guru
Enter a character to find its frequency: guru
Frequency of g = 1


Online C Compiler
C Program to Find G.C.D Using R
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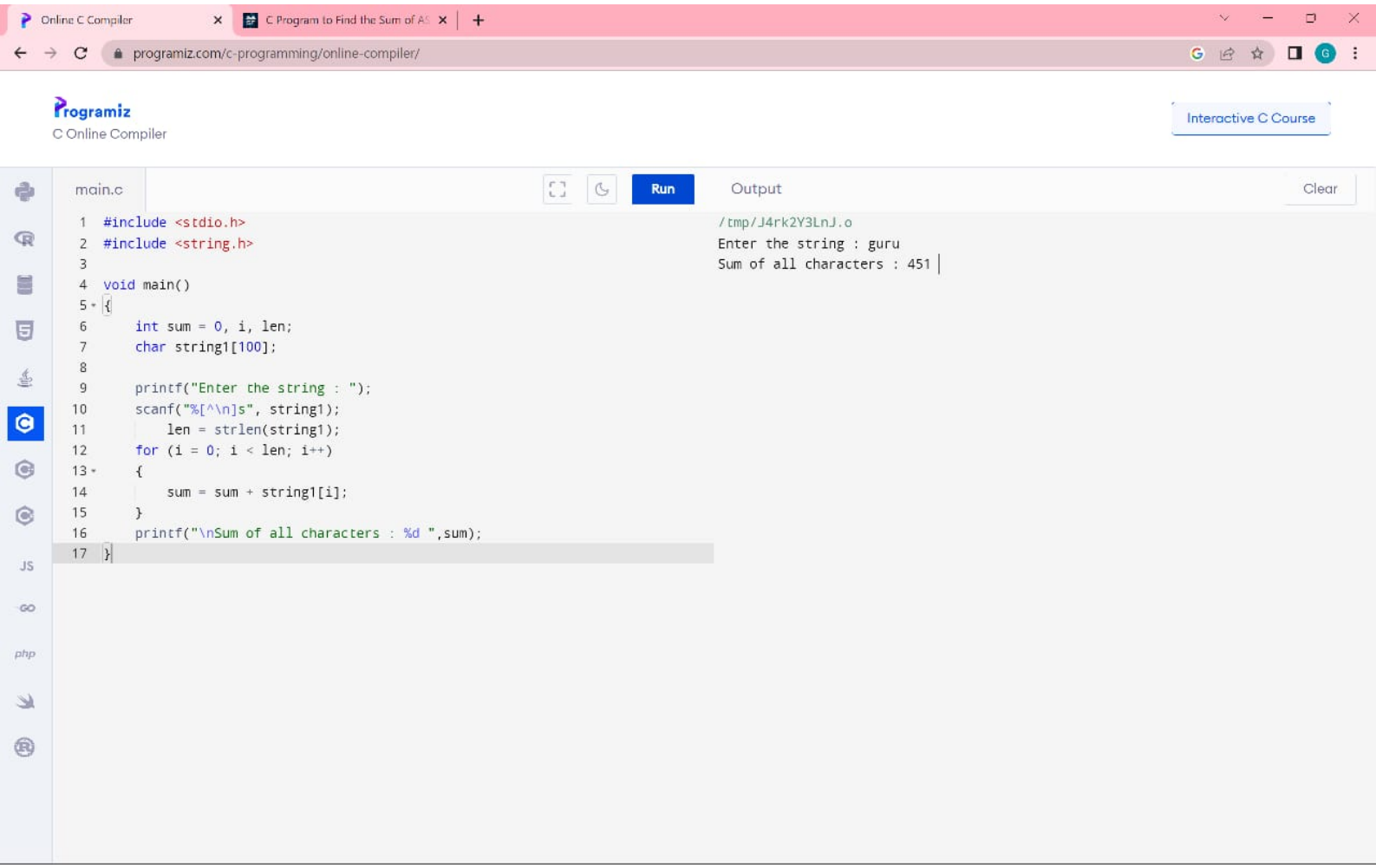
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
int hcf(int n1, int n2);
int main() {
int n1, n2;
printf("Enter two positive integers: ");
scanf("%d %d", &n1, &n2);
printf("G.C.D of %d and %d is %d.", n1, n2, hcf(n1, n2));
return 0;
}
int hcf(int n1, int n2) {
if (n2 != 0)
return hcf(n2, n1 % n2);
else
return n1;
}
/tmp/J4rk2Y3LnJ.o
Enter two positive integers: 45
54
G.C.D of 45 and 54 is 9.


Online C Compiler
C Program to Find the Sum of A
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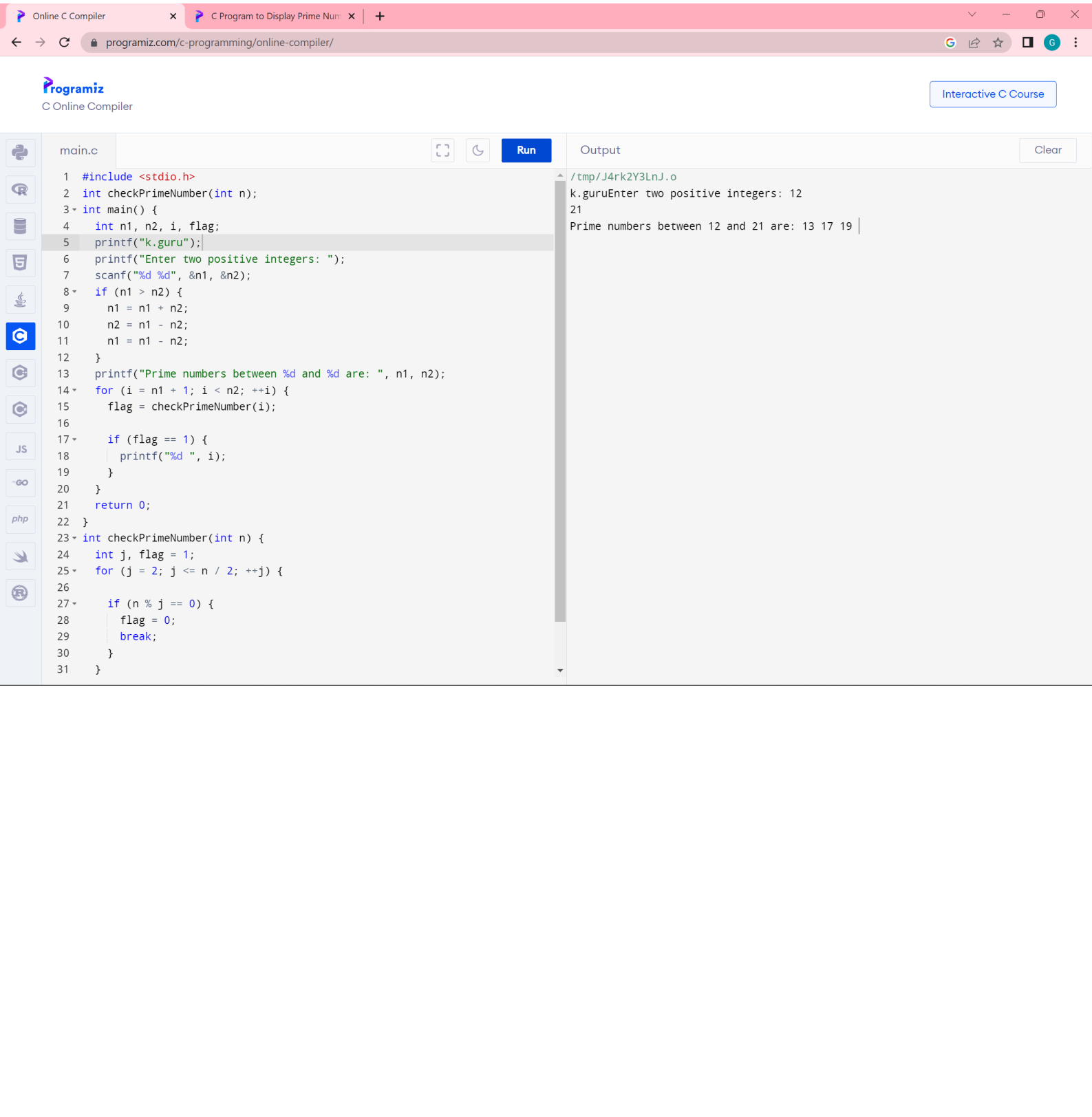
C Online Compiler
Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
#include <string.h>
void main()
{
int sum = 0, i, len;
char string1[100];
printf("Enter the string : ");
scanf("%[^\n]s", string1);
len = strlen(string1);
for (i = 0; i < len; i++)
{
sum = sum + string1[i];
}
printf("\nSum of all characters : %d ",sum);
}
/tmp/J4rk2Y3LnJ.o
Enter the string : guru
Sum of all characters : 451


Online C Compiler
C Program to Display Prime Num
programiz.com/c-programming/online-compiler/
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Interactive C Course
main.c
Run
Output
Clear
#include <stdio.h>
int checkPrimeNumber(int n);
int main() {
int n1, n2, i, flag;
printf("k.guru");
printf("Enter two positive integers: ");
scanf("%d %d", &n1, &n2);
if (n1 > n2) {
n1 = n1 + n2;
n2 = n1 - n2;
n1 = n1 - n2;
}
printf("Prime numbers between %d and %d are: ", n1, n2);
for (i = n1 + 1; i < n2; ++i) {
flag = checkPrimeNumber(i);
if (flag == 1) {
printf("%d ", i);
}
}
return 0;
}
int checkPrimeNumber(int n) {
int j, flag = 1;
for (j = 2; j <= n / 2; ++j) {
if (n % j == 0) {
flag = 0;
break;
}
}
/tmp/J4rk2Y3LnJ.o
k.guruEnter two positive integers: 12
21
Prime numbers between 12 and 21 are: 13 17 19