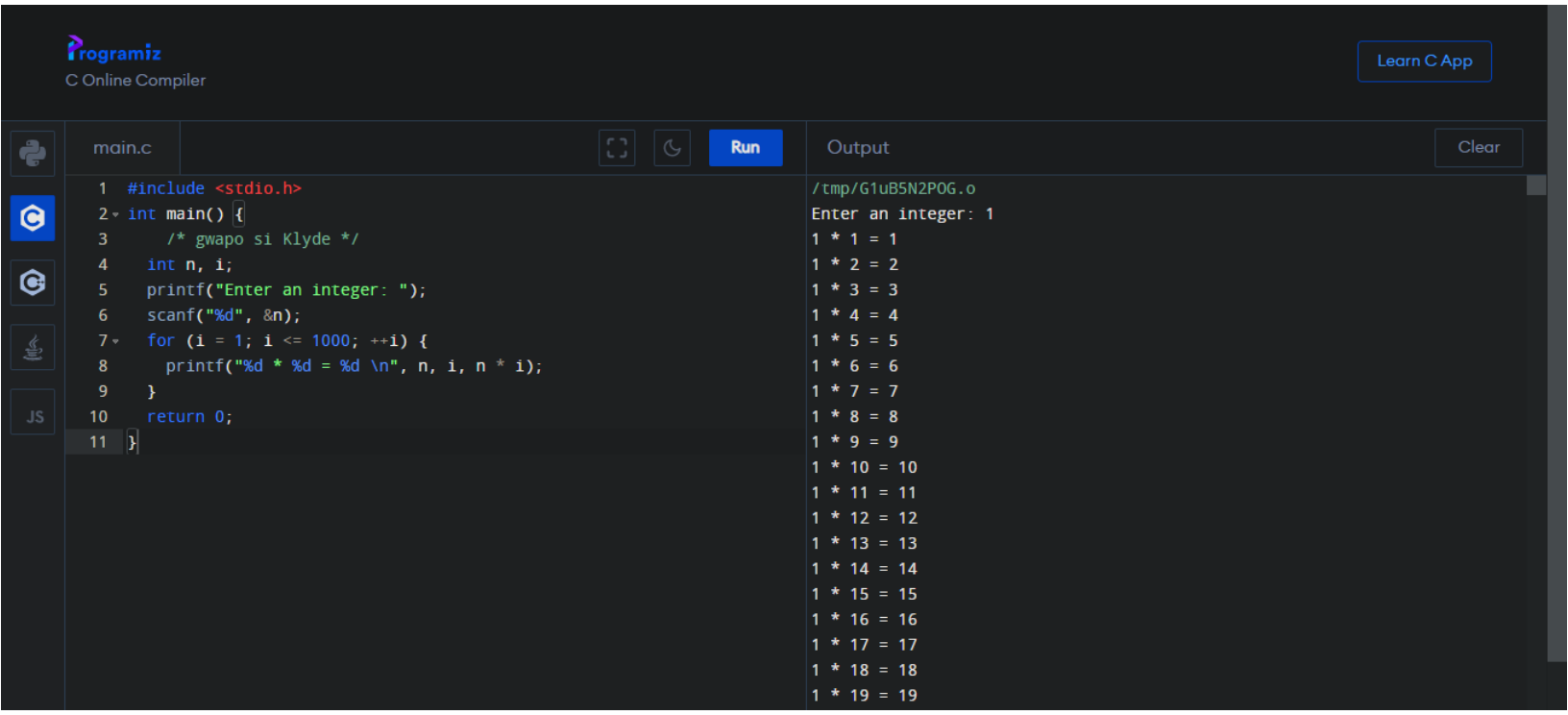
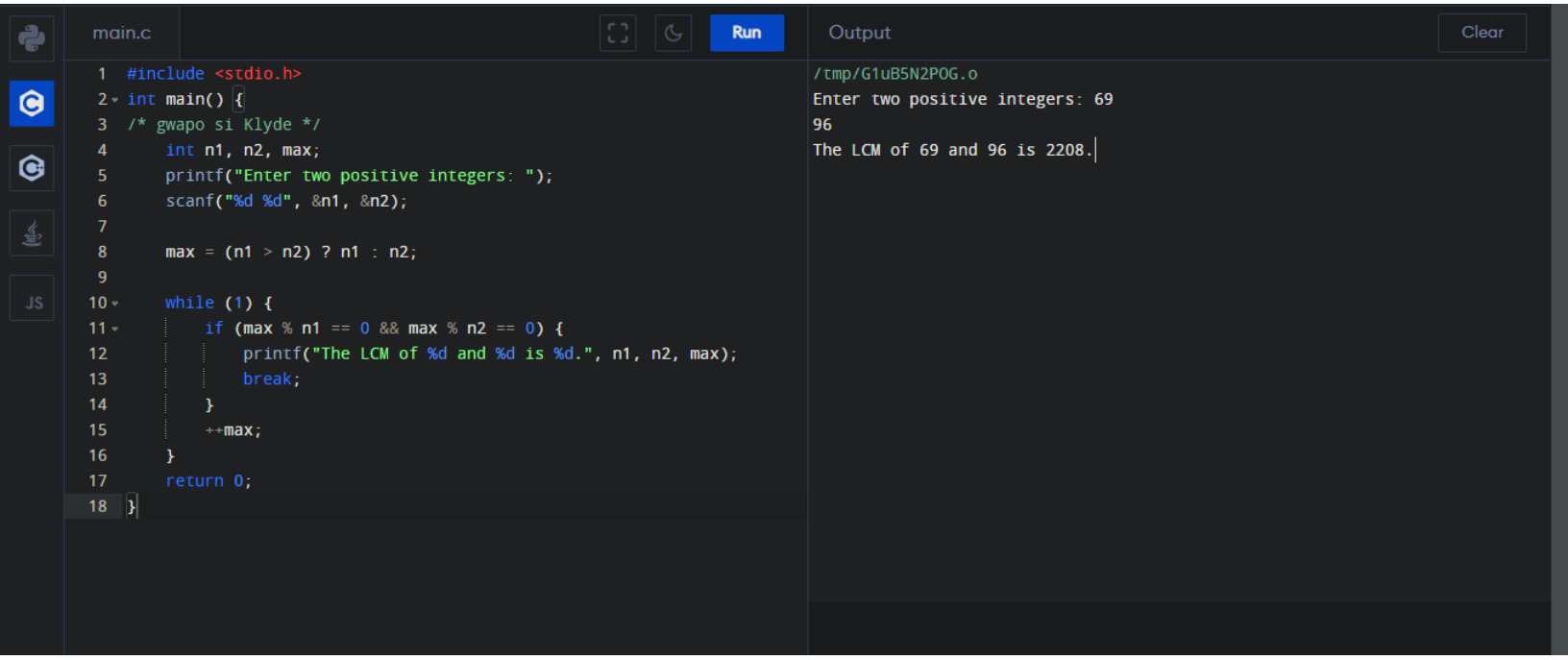
1. WAP to print a Multiplication Table.



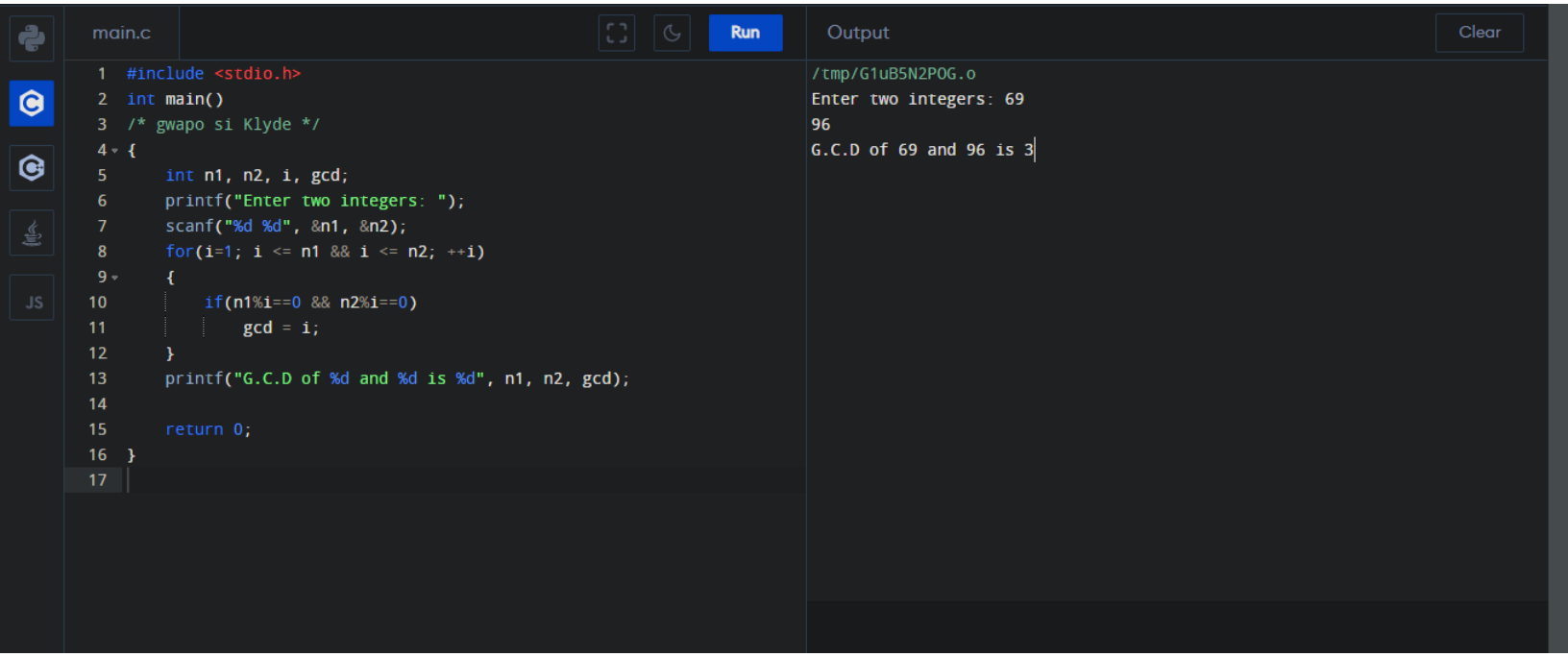

```
#include <stdio.h>
int main() {
  /* gwapo si Klyde */
 int n, i;
 printf("Enter an integer: ");
 scanf("%d", &n);
 for (i = 1; i <= 1000; ++i) {
  printf("%d * %d = %d \n", n, i, n * i);
 }
 return 0;
}
```

2. WAP to find the LCM of two numbers.




```
#include <stdio.h>
int main() {
/* gwapo si Klyde */
   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;
}
```

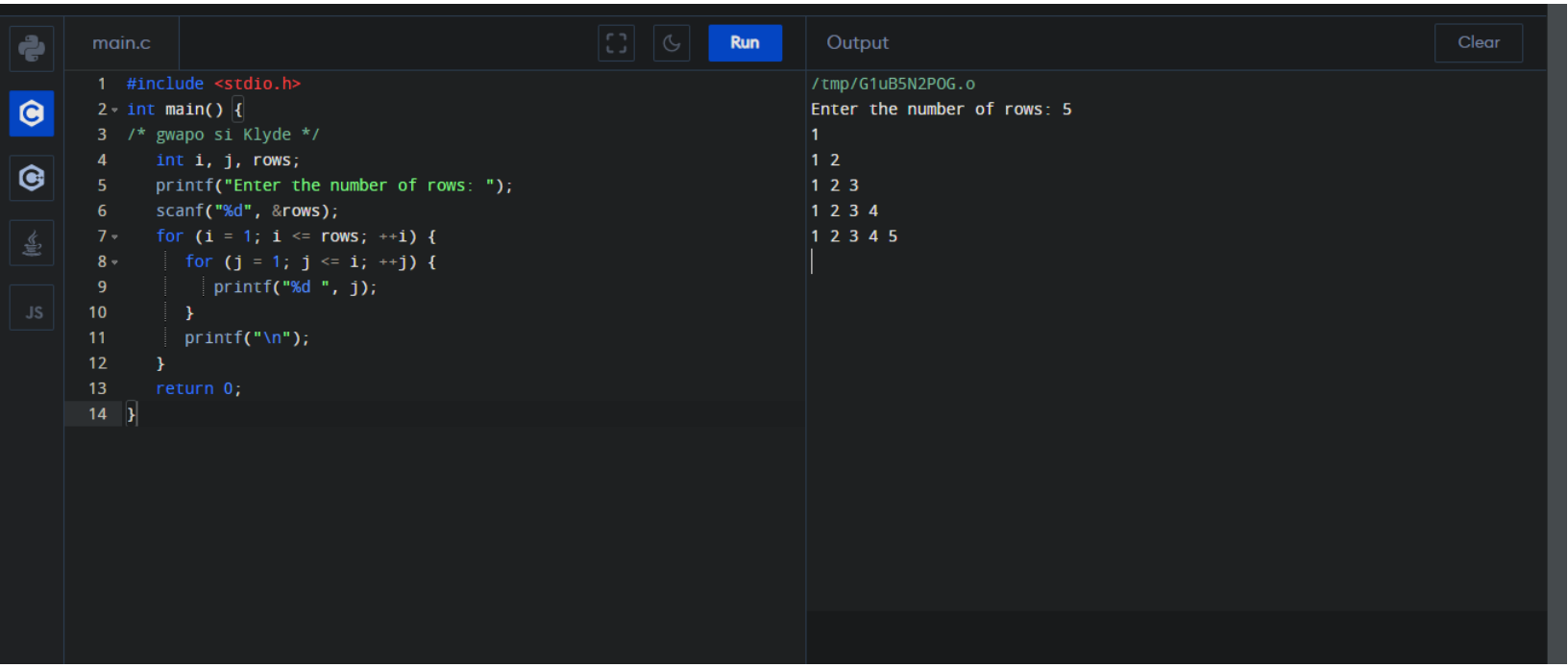
3. WAP to find the GCD of two numbers.




```
#include <stdio.h>
int main()
/* gwapo si Klyde */
{
   int n1, n2, i, gcd;
   printf("Enter two integers: ");
   scanf("%d %d", &n1, &n2);
   for(i=1; i <= n1 && i <= n2; ++i)
   {
      if(n1%i==0 && n2%i==0)
         gcd = i;
   }
   printf("G.C.D of %d and %d is %d", n1, n2, gcd);

   return 0;
}
```

4. WAP to print the following output. N is the input from the user for how many rows to print.




```
#include <stdio.h>
int main() {
/* gwapo si Klyde */
  int i, j, rows;
  printf("Enter the number of rows: ");
  scanf("%d", &rows);
  for (i = 1; i <= rows; ++i) {
    for (j = 1; j <= i; ++j) {
      printf("%d ", j);
    }
    printf("\n");
  }
  return 0;
}
```