```
[] G Run
main.c
                                                                                                           Output
                                                                                                                                                                                                          Clear
 1 #include <stdio.h>
                                                                                                           /tmp/H5IfhS2lTV.o
2 int checkPrimeNumber(int n);
                                                                                                           Enter two positive integers: 12 30
2 int checkPrimeNumber(int n);
3- int main() {
4
5   int n1, n2, i, flag;
6
7   printf("Enter two positive integers: ");
8   scanf("%d %d", &n1, &n2);
9
                                                                                                           Prime numbers between 12 and 30 are: 13 17 19 23 29
      // swap n1 and n2 if n1 > n2 if (n1 > n2) {
10
11-
       n1 = n1 + n2;
n2 = n1 - n2;
12
13
14
       n1 = n1 - n2;
15
      }
16
17
       printf("Prime numbers between %d and %d are: ", n1, n2);
18 -
       for (i = n1 + 1; i < n2; ++i) {
19
         // flag will be equal to 1 if i is prime
flag = checkPrimeNumber(i);
20
21
22
          if (flag == 1) {
   printf("%d ", i);
}
23 +
```

C Run Output main.c Clear /tmp/mW02ec7edC.o 1 #include <stdio.h> R 2 int checkPrime(int n); Enter a positive integer: 34 3 - int main() { 34 = 3 + 31 34 = 5 + 29 34 = 11 + 23 4 int n, i, flag = 0; printf("Enter a positive integer: "); 5 scanf("%d", &n); 34 = 17 + 17 0 8* for $(i = 2; i \le n / 2; ++i)$ { 4 // condition for i to be a prime number 10+ if (checkPrime(i) == 1) { 0 // condition for n-i to be a prime number if (checkPrime(n - i) == 1) { 0 13 printf("%d - %d + %d\n", n, i, n - i); 14 flag = 1; 15 } 0 16 } 17 } JS 18 19 if (flag == 0) printf("%d cannot be expressed as the sum of two prime numbers.", n); 20 21 22 return 0; php 23 } 24 S 25 // function to check prime number

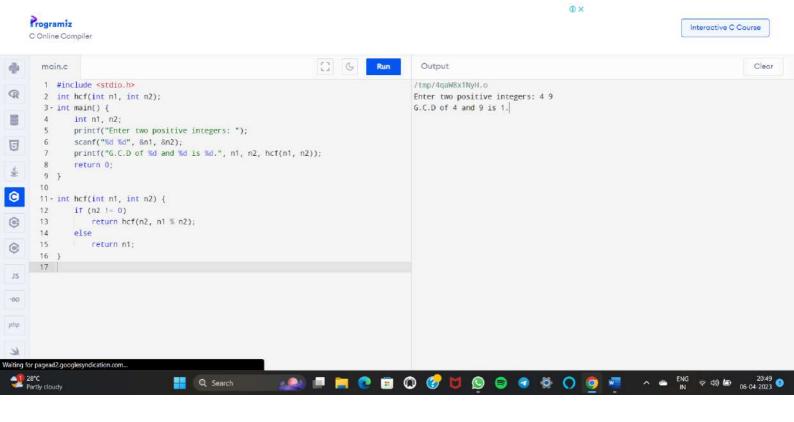
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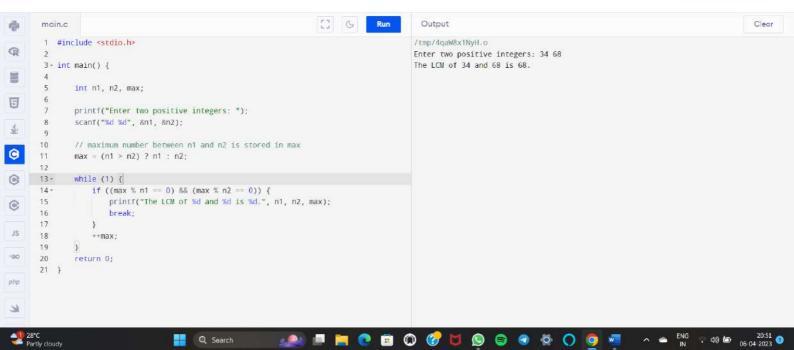
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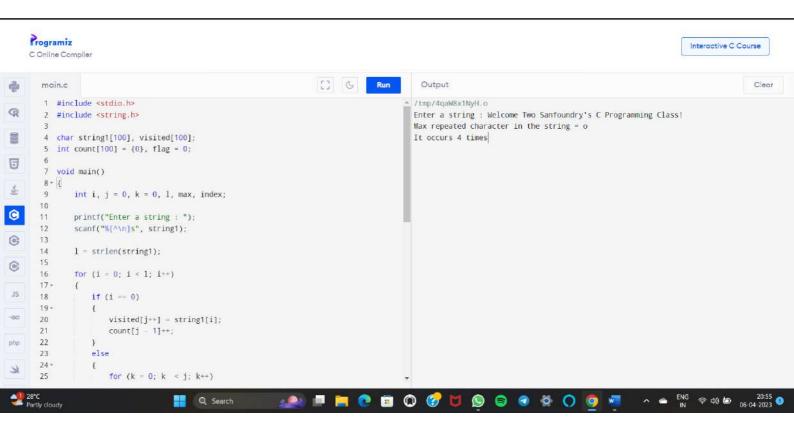




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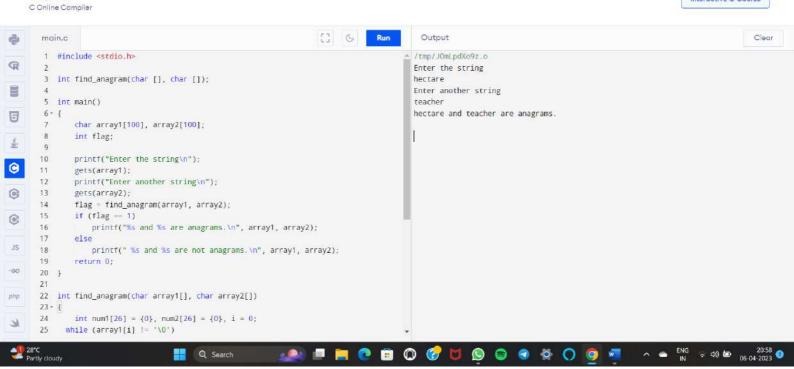
[] (Run Output main.c Clear righ /Emp/4qaW8x1NyH.o 34 -Enter a string: Welcome Two Sanfoundry's C Programming Class! Max repeated character in the string = o Q visited[j++] = string1[i]; 35 36 count[j - 1]++; It occurs 4 times 37 38 flag - 0; 39 0 40 41 生 42 for $(i - 0; i < j; i \leftrightarrow)$ 43 -0 44 if ((i == 0) && (visited[i] != ' ')) 45 = 0 46 max = count[i]; 47 continue; 48 0 if ((max < count[i]) && (visited[i] != ' '))</pre> 49 50 -1 JS 51 max = count[i]; index = i; 52 53 } 54 55 printf("\nMax repeated character in the string = %c ", visited[index]); printf("\nIt occurs %d times", count[index]); 56 57 58 }

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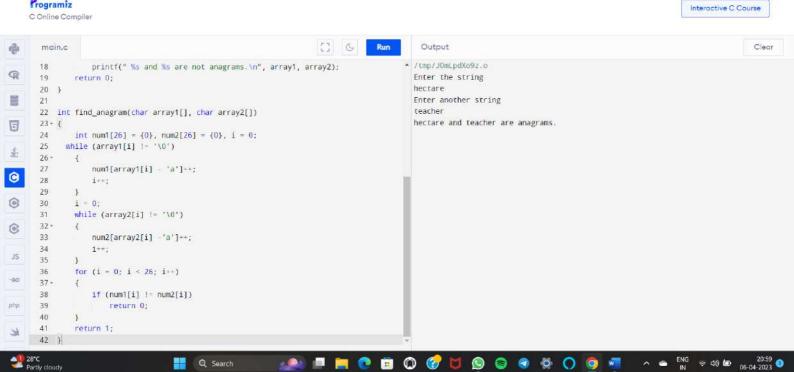
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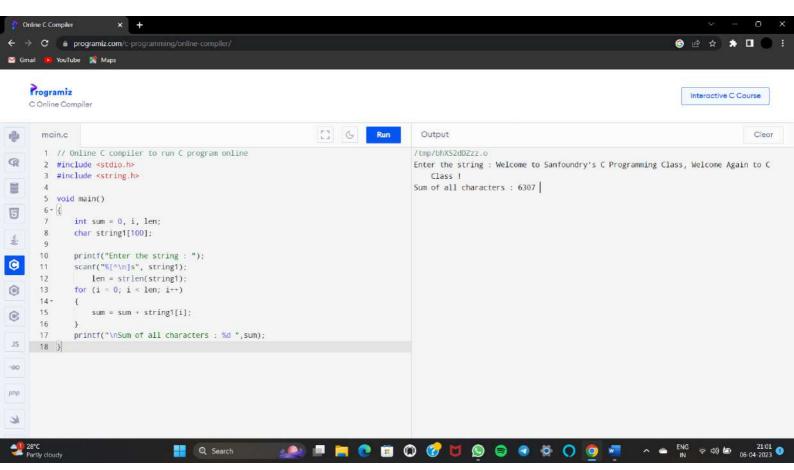


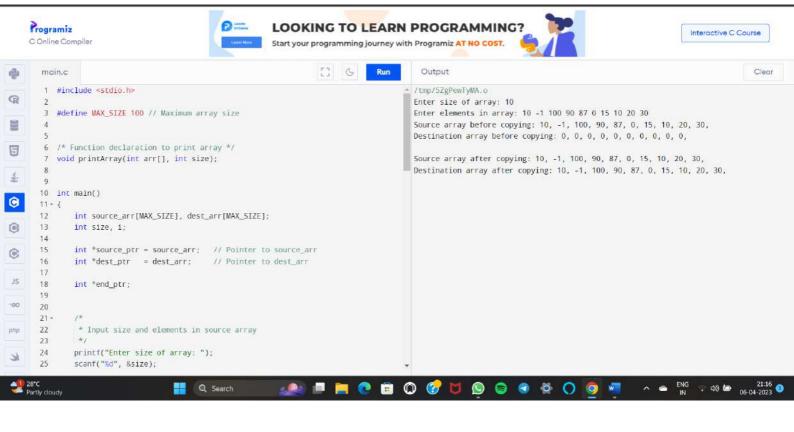
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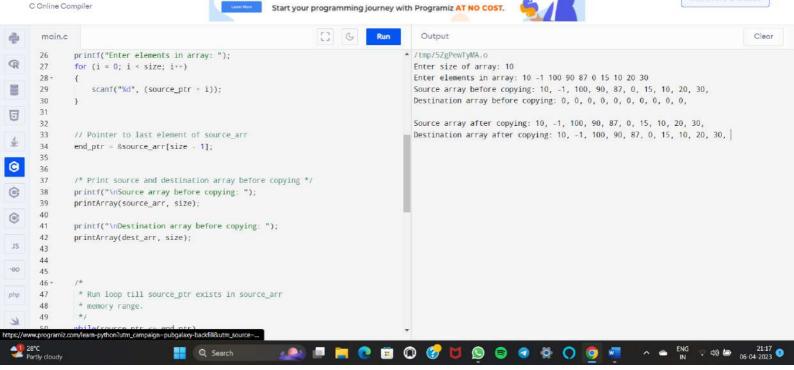
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