

main.c



Share

Run

Output

```
1 //DAY 18
2 //Q35
3 #include <stdio.h>
4
5 int main() {
6     int num, i;
7
8     printf("Enter a number: ");
9     scanf("%d", &num);
10
11     if (num <= 0) {
12         printf("Please enter a positive number.\n");
13         return 0;
14     }
15
16     printf("Factors of %d are: ", num);
17     for (i = 1; i <= num; i++) {
18         if (num % i == 0) {
19             printf("%d ", i);
20         }
21     }
22     printf("\n");
23
24     return 0;
25 }
```

Enter a number: 6
Factors of 6 are: 1 2 3 6

=== Code Execution Successful ===

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Output

```
1 //DAY 18
2 //Q36
3 #include <stdio.h>
4
5 int main() {
6     int a, b, tempA, tempB, remainder;
7
8     printf("Enter two numbers: ");
9     scanf("%d %d", &a, &b);
10
11     tempA = a;
12     tempB = b;
13
14     while (b != 0) {
15         remainder = a % b;
16         a = b;
17         b = remainder;
18     }
19
20     printf("HCF (GCD) of %d and %d is: %d\n", tempA, tempB, a);
21
22     return 0;
23 }
```

Enter two numbers: 12 18
HCF (GCD) of 12 and 18 is: 6

=== Code Execution Successful ===