

exp4task1.c - Code::Blocks 20.03

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1  /*
2  Name- Sneha Jaiswal
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4  Div- A
5  Roll no- 23
6  EXPT 4- Task 1
7  Module 2 : Functions
8  Aim: WAP to find all the prime numbers between two numbers.
9  */
10 #include<stdio.h>
11 int isPrimeNumber(int num){
12     for(int i=2; i < num; i++){
13         if(num % i == 0){
14             return 0;
15         }
16     }
17     return 1;
18 }
19 int main(){
20     int start_num, end_num, i;
21     printf("\t\t\t *** Prime Number Finder *** \n\n");
22     printf("Enter Starting Number:");
23     scanf("%d", &start_num);
24     printf("Enter Ending Number:");
25     scanf("%d", &end_num);
26     i = start_num <= 1 ? 2 : start_num;
27     printf("Prime Numbers between %d and %d: ", start_num, end_num);
28     while(i <= end_num){
29         if(isPrimeNumber(i)){
30             printf("%d, ", i);
31         }
32         i++;
33     }
34     return 0;
35 }
36
```

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