

## unit2\midterm\_code3.c

```
1 // c function to print all prime numbers between two numbers?
2 #include <stdio.h>
3
4 void findprime(int num1, int num2);
5
6 void main(void)
7 {
8     int n1, n2;
9     printf("enter first number: ");
10    scanf("%d", &n1);
11    printf("\nenter second number: ");
12    scanf("%d", &n2);
13    findprime(n1, n2);
14 }
15 void findprime(int num1, int num2)
16 {
17     int prime_flag = 0;
18     for (int i = num1; i <= num2; i++)
19     {
20         if (i == 2)
21         {
22             prime_flag = 1;
23         }
24         else
25         {
26             for (int j = 1; j <= i / 2; j++)
27             {
28                 if (i % j == 0) // divisible
29                     prime_flag = 0;
30                 else
31                     prime_flag = 1;
32             }
33         }
34         if (prime_flag == 1)
35             printf("%d ", i);
36         else
37             ;
38     }
39 }
```