

```

/* Experiment No:- 4
Title :-WAP to find all the prime numbers between two numbers.
Name :-Ayan Nadaf
Class :-F.E.(Computer Enigneering)
Division:-C
Roll No :-18
UIN :-241P019 */

#include <stdio.h>

// Function to check if a number is prime
int isprime(int x) {
    if (x <= 1) return 0;
    for (int i = 2; i < x; i++) {
        if (x % i == 0) {
            return 0;
        }
    }
    return 1;
}

int main() {
    printf("\t\t\t\t*****Find a Prime Number Between Two Number*****\n");
    int a, b;
    // Enter the Starting and Ending Number
    printf("Enter the Starting Number:-");
    scanf("%d", &a);
    printf("Enter the Ending Number:-");
    scanf("%d", &b);

    if (a > b) {
        printf("Invalid range. Start should be less than or equal to end.\n");
        return 1;
    }

    for (int i = a; i <= b; i++)
        if (isprime(i)) {
            printf("%d ", i);
        }

    return 0;
}

/* output
*****Find a Prime Number Between Two Number*****
Enter the Starting Number:-1
Enter the Ending Number:-10
2 3 5 7
*/

```

