C exp4.c > findPrimes(int, int)

```c
/*
Experiment No:- 4
  Topic:-WAP to find all the prime numbers between two numbers.
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 */
#include<stdio.h>
int isPrime(int num) {
    if (num <= 1) return 0; // numbers less than or equal to 1 are not prime
    for (int i = 2; i * i <= num; i++)
    {
        if (num % i == 0) return 0; // if divisible, not prime
    }
    return 1; // number is prime
}

void findPrimes(int start, int end)
{
    printf("Prime numbers between %d and %d are:\n", start, end);
    for (int i = start; i <= end; i++)
    {
        if (isPrime(i))
```

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```c
void findPrimes(int start, int end)
    for (int i = start; i <= end; i++)
    {
        if (isPrime(i))
        {
            printf("%d ", i);
        }
    }
    printf("\n");
}

int main()
{
    int start, end;
    printf("Enter the starting number: ");
    scanf("%d", &start);
    printf("Enter the ending number: ");
    scanf("%d", &end);

    findPrimes(start, end);

    return 0;
}
/*
Enter the starting number: 2
Enter the ending number: 50
Prime numbers between 2 and 50 are:
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47
*/
```