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//Aim: WAP to find all the prime numbers between two numbers.
#include<stdio.h>

int isPrimeNumber(int num);

int isPrimeNumber(int num){
    int i;
    for( i=2;i<num;i++){
        if(num%i==0){
            return 0;
        }
    }
    return 1;
}

int main(){
    int start_num,end_num,i;
    printf("\t\t\t***prime number***\n\n");
    printf("enter starting number:");
    scanf("%d",&start_num);
    printf("enter ending number:");
    scanf("%d",&end_num);
    i=start_num<=1?2:start_num;
    printf("prime number between %d and %d:",start_num,end_num);
    while(i<=end_num){
        if(isPrimeNumber(i)){
            printf("%d,",i);
        }
        i++;
    }
    return 0;
}

```

```
/*    ***prime number***

enter starting number:2
enter ending number:10
prime number between 2 and 10:2,3,5,7,
-----
enter starting number:1
enter ending number:10
prime number between 1 and 10:2,3,5,7,
*/
```