

# Institute of Technology of Cambodia



## Department of Information and Communication Engineering (GIC)

### Assignment Challenge bonus of TP04Loop

Lecturer : Bou Channa

Subject : Algorithms and Programming (TP)

Student : Heang Sopagna

ID : e20180259

Group : GIC-A

2020~2021

```

1 #include<stdio.h>
2 main() {
3
4     int i,j,mn,mx,status,sum=0;
5     printf("Enter the minimum number: ");
6     scanf("%d",&mn);
7     printf("Enter the maximum number: ");
8     scanf("%d",&mx);
9     printf("The primary number between %d and %d is ",mn,mx);
10    for(i=mn;i<=mx;i=i+1){
11        status=1;
12        for(j=2;j<i;j=j+1){
13            if(i%j==0){
14                status=-1;
15                break;
16            }
17        }
18        if(status==1){
19            printf("%d ",i);
20            sum=sum+i;
21        }
22    }
23    printf("\nThe summation of primary number above is: %d.",sum);
24 }
25

```

"D:\school\Year3\2. Algorithm & Programming (S1)\TP\24. Challenge bonus of TP04Loop.exe"

Enter the minimum number: 1  
Enter the maximum number: 12  
The primary number between 1 and 12 is 1 2 3 5 7 11  
The summation of primary number above is: 29.  
Process returned 0 (0x0) execution time : 4.055 s  
Press any key to continue.