Lab 19

```c
1   #include <stdio.h>
2   main()
3   {
4
5       int start, end, count;
6       int i, j, prime = 0;
7       char con = 'y';
8
9       while (con == 'y')
10      {
11          printf("Please Input Start Number : ");
12          scanf("%d", &start);
13          if (start < 1)
14          {
15              printf("\"Enter Input more than 0 \"\n\n");
16          }
17          if (start >= 1)
18          {
19              printf("\nPlease Input End Number : ");
20              scanf("%d", &end);
21
22              if (start > end)
23              {
24                  printf("\n\"Please enter start number more than end number\"");
25              }
26
27              if (start > 0 && end > 0)
28              {
```

```
29          printf("\nPrime numbers in this range is : ");
30
31       for (i = start; i <= end; i++)
32       {
33          count = 0;
34
35          for (j = 1; j <= i; j++)
36          {
37             if (i % j == 0)
38             {
39                count++;
40             }
41          }
42
43          if (count == 2)
44          {
45             printf("%d ", i);
46             prime++;
47          }
48       }
49       if (prime == 0)
50       {
51          printf("\"No prime number in this range\"");
52       }
53    }
54    while (prime > 0)
55    {
56       printf("\n\nContinue Program ? (y/N): ");
57       scanf(" %c", &con);
58       if (con == 'y' || con == 'N')
```

```c
59              {
60                  prime = 0;
61              }
62              else
63              {
64                  printf("\"Enter 'y' or 'N' only\"");
65                  prime = 1;
66              }
67          }
68
69          if (con == 'N')
70          {
71              printf("\n\"End Program\"\n\n");
72              break;
73          }
74          printf("\n\n");
75      }
76  }
77 }
```