Lab 13

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

```
29                          {
30                                  printf("\nPrime numbers in this range is :");
31                          while (start <= end)
32                          {
33                                  i = 1;
34                                  count = 0;
35                                  while (i <= start && count < 3)
36                                  {
37                                          while (start % i == 0 && count < 3)
38                                          {
39                                                  count++;
40                                                  i++;
41                                          }
42                                          i++;
43                                  }
44                                  while (count == 2)
45                                  {
46                                          printf("%d  ", start);
47                                          p++;
48                                          count = 0;
49                                  }
50                                  while (p == 0)
51                                  {
52                                          printf("\"No Prime Number in this range\"");
53                                          count = 0;
54                                          p = 1;
55                                  }
56                                  start++;
57                          }
58                          end = 0;
```

```
59                    }
60                         start = 0;
61                    }
62              while (end == 0)
63              {
64                    printf("\n\"Continue ? (y/N) : \"");
65                    scanf(" %c", &run);
66                    end = 1;
67                    p = 0;
68              }
69         while (run == 'N')
70         {
71              printf("\n\"End Program\" \n\n");
72              break;
73         }
74    }
75 }
```