LAB ASSIGNMENT 13

```
main.c

15
16 int main()
17 {

input

List of happy numbers between 1 and 100:
1 7 10 13 19 23 28 31 32 44 49 68 70 79 82 86 91 94 97 100

...Program finished with exit code 0

Press ENTER to exit console.
```

```
main.c

5
6 printf("Enter number of terms: ");
7 scanf("%d", &n);

Enter number of terms: 10
The Keith series is:
1, 9, 7, 17, 33, 57, 107, 197, 361, 665

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Truit C Debug - Stop - State 11 Save
main.c
  1 #include <stdio.h>
  3 int primetrip(int num){
 V × ,
Enter starting number: 0
Enter ending number: 70
1, 3, 7
5, 7, 11
7, 11, 13
11, 13, 17
13, 17, 19
17, 19, 23
37, 41, 43
41, 43, 47
67, 71, 73
9 is the total number of prime triplets set
...Program finished with exit code 0
Press ENTER to exit console.
```

```
main.c

2 #include <string.h>
3
4 int main () {
Enter string 1:god
Enter string 2:dog
Strings are anagrams

...Program finished with exit code 0
Press ENTER to exit console.
```

5.

```
main.c

1 #include <stdio.h>
2 #define MAX_SIZE 100 // Maximum string size
3 #define MAX_CHARS 255 // Maximum characters allowed

Enter any string: fullerene
Minimum occurring character is 'f' = 1.

...Program finished with exit code 0

Press ENTER to exit console.
```

```
main.c

1 #include <stdio.h>
2 #include <string.h>
3

Enter string: abebbb
String after removing all duplicates is abe

...Program finished with exit code 0

Press ENTER to exit console.
```