```c
#include <stdio.h>

int main() {
    for (int i = 16; i <= 52; i++) {
        printf("ASCII %d = %c\n", i, i);
    }
    return 0;
}
```

ASCII 39 = '
ASCII 40 = (
ASCII 41 =)
ASCII 42 = *
ASCII 43 = +
ASCII 44 = ,
ASCII 45 = -
ASCII 46 = .
ASCII 47 = /
ASCII 48 = 0
ASCII 49 = 1
ASCII 50 = 2

```c
int main() {
    int n, sum = 0;
    printf("Enter a number: ");
    scanf("%d", &n);

    for (int i = 1; i <= n; i++) {
        sum += i * i;
    }

    printf("Sum of squares from 1 to %d is %d\n", n, sum);
    return 0;
}
```

Enter a number: 12
Sum of squares from 1 to 12 is 650

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

```c
#include <stdio.h>

int main() {
    for (int i = 10; i >= 1; i--) {
        printf("%d\n", i);
    }
    return 0;
}
```

```
10
9
8
7
6
5
4
3
2
1

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

```c
#include <stdio.h>

int main() {
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);

        // THIS WILL CREATE MULTIPLICATION TABLE //

    for (int i = 1; i <= 10; i++) {
        printf("%d x %d = %d\n", num, i, num * i);
    }

    return 0;
}
```

```
10 x 1 = 10
10 x 2 = 20
10 x 3 = 30
10 x 4 = 40
10 x 5 = 50
10 x 6 = 60
10 x 7 = 70
10 x 8 = 80
10 x 9 = 90
10 x 10 = 100

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

```c
#include <stdio.h>

int main() {
    int sum = 0;

    for (int i = 2; i <= 50; i += 2) {
        sum += i;
    }

    printf("Sum of even numbers from 1 to 50 is %d\n", sum);
    return 0;
}
```

```
Sum of even numbers from 1 to 50 is 650

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