

Lab 25

```
1  #include <stdio.h>
2
3  void DrawTop(int size);
4  void DrawMiddle(int size);
5  void DrawBottom(int size);
6
7  main()
8  {
9      int draw = 1;
10     int size = 0;
11     int run = 0;
12     char finish = 'y';
13     while (finish == 'y')
14     {
15         run = 0;
16         while (size <= 0)
17         {
18             printf("Enter the size of the crucifix : ");
19             scanf("%d", &size);
20         }
21
22         if (size > 0)
23         {
24             DrawTop(size);
25             DrawMiddle(size);
26             DrawBottom(size);
27         }
28         else
29         {
30             printf("\nEnter size more than 0\n\n");
31         }
32         while (run == 0)
33         {
34             printf("\n\nContinue Program ? (y/N) : ");
35             scanf(" %c", &finish);
36             if (finish == 'y' || finish == 'N')
37             {
38                 run = 1;
39                 size = 0;
40             }
41             else
42             {
```

```
43     printf("Enter only \" y \" or \"N\\\"");
44     }
45     }
46     if (finish == 'N')
47     {
48         printf("\\End Program\\");
49     }
50     printf("\\n");
51     }
52 }
53
54 void DrawTop(int size)
55 {
56     int i, j, x;
57     for (i = 1; i <= size; i++)
58     {
59         for (j = 1; j <= size; j++)
60         {
61             printf(" ");
62         }
63
64         for (x = 1; x <= size; x++)
65         {
66             printf("*");
67         }
68         printf("\\n");
69     }
70 }
71
72 void DrawMiddle(int size)
73 {
74     int i, j;
75     for (i = 1; i <= size; i++)
76     {
77         for (j = 1; j <= size * 3; j++)
78         {
79             printf("*");
80         }
81         printf("\\n");
82     }
83 }
84
85 void DrawBottom(int size)
86 {
```

```
87     int i, j, x;
88     for (i = 1; i <= size + 1; i++)
89     {
90         for (j = 1; j <= size; j++)
91         {
92             printf(" ");
93         }
94
95         for (x = 1; x <= size; x++)
96         {
97             printf("*");
98         }
99         printf("\n");
100     }
101     printf("\n");
102 }
```