

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, space;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (i = n - 1; i >= 1; i--) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>

int main() {
    int n, i, j;

    printf("Enter the number of rows: ");
    scanf("%d", &n);

    for (i = n; i >= 1; i--) {
        for (j = 1; j <= i; j++) {
            printf("*");
        }
        printf("\n");
    }

    return 0;
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, space;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, space;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = n; i >= 1; i--) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, space, num;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        num = i;
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            printf("%d", num);
```

```
            j < i ? num-- : num++;
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, space, num;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        num = i;
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            printf("%d", num);
```

```
            j < i ? num-- : num++;
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (i = n - 1; i >= 1; i--) {
```

```
        for (space = 1; space <= n - i; space++) {
```

```
            printf(" ");
```

```
        }
```

```
        num = i;
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            printf("%d", num);
```

```
            j < i ? num-- : num++;
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>

int main() {
    int n, i, j;

    printf("Enter the size of the square: ");
    scanf("%d", &n);

    for (i = 1; i <= n; i++) {
        for (j = 1; j <= n; j++) {
            if (i == 1 || i == n || j == 1 || j == n) {
                printf("*");
            } else {
                printf(" ");
            }
        }
        printf("\n");
    }

    return 0;
}
```



```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (j = 1; j <= n - i; j++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            if (j == 1 || j == 2 * i - 1) {
```

```
                printf("*");
```

```
            } else {
```

```
                printf(" ");
```

```
            }
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (i = n - 1; i >= 1; i--) {
```

```
        for (j = 1; j <= n - i; j++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= 2 * i - 1; j++) {
```

```
            if (j == 1 || j == 2 * i - 1) {
```

```
                printf("*");
```

```
            } else {
```

```
                printf(" ");
```

```
            }
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j;
```

```
    printf("Enter the number of rows: ");
```

```
    scanf("%d", &n);
```

```
    for (i = 1; i <= n; i++) {
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        for (j = 1; j <= 2 * (n - i); j++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (i = n; i >= 1; i--) {
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        for (j = 1; j <= 2 * (n - i); j++) {
```

```
            printf(" ");
```

```
        }
```

```
        for (j = 1; j <= i; j++) {
```

```
            printf("*");
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```