

```
1: #include <stdio.h>
2:
3: int main(void) {
4:
5:     int number;
6:
7:
8:     printf("Enter a number (2-9): ");
9:     scanf("%d", &number);
10:
11:    while (number < 2 || number > 9) {
12:        printf("Enter a number (2-9): ");
13:        scanf("%d", &number);
14:    }
15:
16:    for (int i = 1; i < 10; i++) {
17:        printf("%d x %d = %d\n", number, i, number * i);
18:    }
19:
20:    return 0;
21:
22: }
```

```
1: #include <stdio.h>
2: int main(void) {
3:
4:     int number, sum=0;
5:     double avg;
6:
7:     printf("Enter a number (-1 to stop): ");
8:     scanf("%d", &number);
9:
10:    int i = 0;
11:    while (number != -1) {
12:        sum += number;
13:        i++;
14:
15:        printf("Enter a number (-1 to stop): ");
16:        scanf("%d", &number);
17:    }
18:
19:    avg = (double)sum / (double)i;
20:
21:    printf("Sum: %d\n", sum);
22:    printf("Average: %.2lf\n", avg);
23:
24:    return 0;
25: }
```

```
1: #include <stdio.h>
2:
3: int main(void) {
4:
5:     //í¤\204 for {ê³µéº± + * for{}}
6:     //é³µéº± + * for :: é³µéº± + & i\225@i¹\234 éº\222 : i\236\205é ¥ éº\222
7:
8:     int number;
9:
10:    printf("Enter a number: ");
11:    scanf("%d", &number);
12:
13:    /*
14:        int star = 1;
15:        int blank = number - 1;
16:
17:        for (int i = 1; i <= number; i++) { //í¤\204
18:            for (int j = blank; j > 0; j--) { //é³µéº± + *
19:                printf(" ");
20:            }
21:            blank--;
22:
23:            for (int k = 1; k <= star; k++) {
24:                printf("*");
25:            }
26:            star += 2;
27:            printf("\n");
28:        }
29:    */
30:
31:    int star = 1;
32:    for (int i = 0; i < number; i++) { //í¤\204
33:        for (int j = number - 1; j > i; j--) { //é³µéº±
34:            printf(" ");
35:        }
36:
37:        for (int k = 0; k < star; k++) { ///*
38:            printf("*");
39:        }
40:        star += 2;
41:        printf("\n");
42:
43:    }
44:
45:
46:
47:
48:    return 0;
49: }
```

```
1: #include <stdio.h>
2: int main(void) {
3:
4:     int number;
5:     double mul=1;
6:
7:     printf("Enter a number: ");
8:     scanf("%d", &number);
9:
10:    // 5! = 1*2*3*4*5
11:
12:    for (int i = 1; i <= number; i++) {
13:        mul *= i;
14:    }
15:
16:    printf("%d! = %.lf\n", number, mul);
17:
18:    return 0;
19: }
```