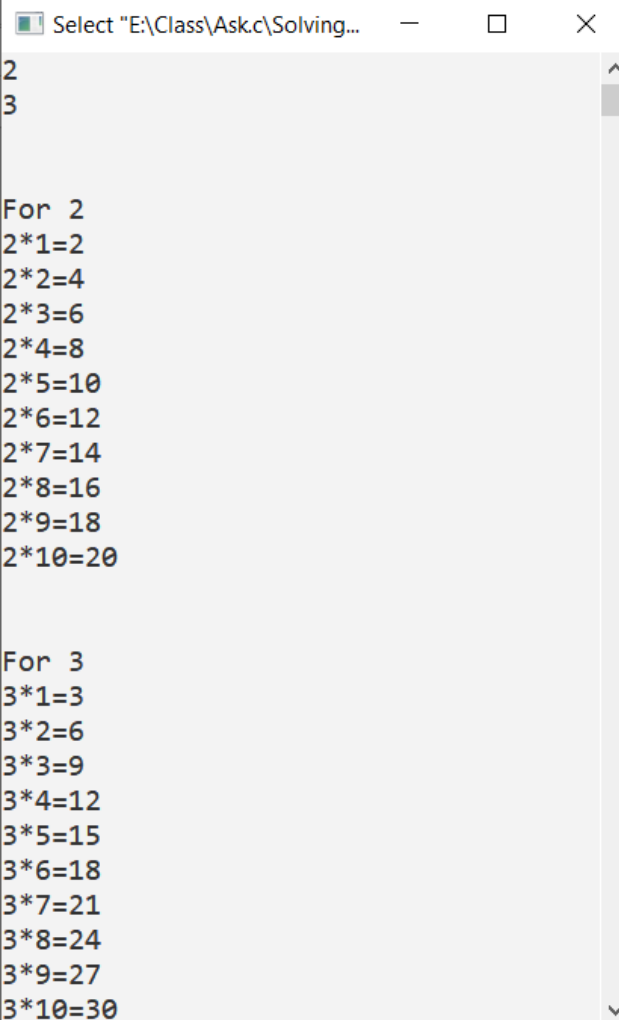


```
1  #include<stdio.h>
2  int main() {
3      int a, b;
4      scanf("%d%d", &a, &b);
5
6      for(int x=a; x<=b; x++) {
7          printf("\n\nFor %d\n", x);
8          for(int y=1; y<=10; y++){
9              printf("%d*%d=%d\n", x, y, x*y);
10         }
11     }
12     return 0;
13 }
14
```



```
Select "E:\Class\Ask.c\Solving..."
2
3

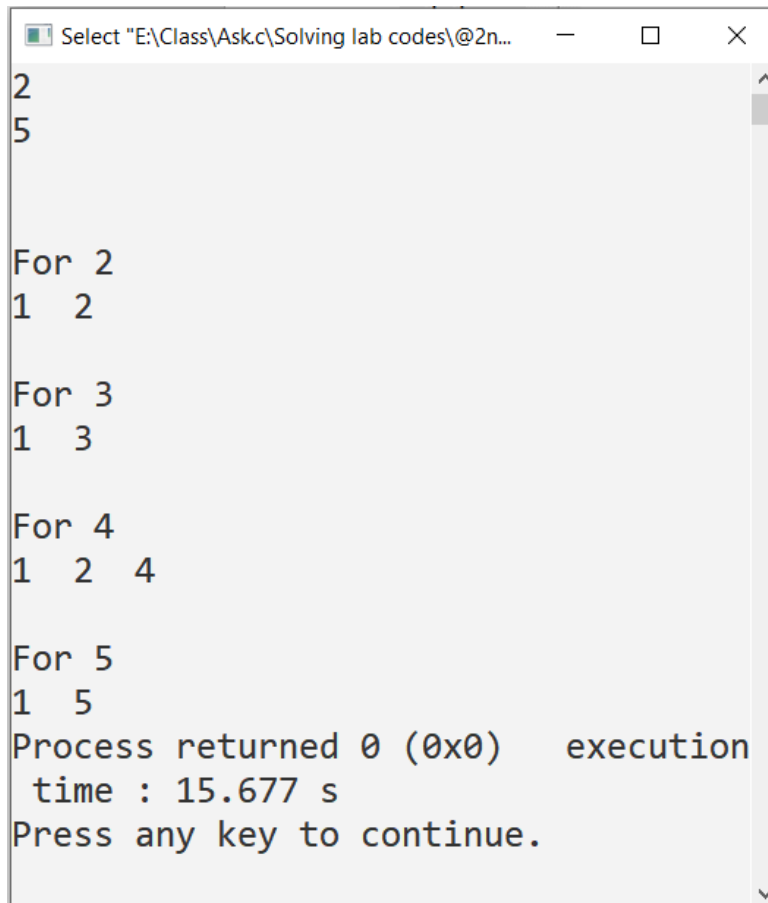
For 2
2*1=2
2*2=4
2*3=6
2*4=8
2*5=10
2*6=12
2*7=14
2*8=16
2*9=18
2*10=20

For 3
3*1=3
3*2=6
3*3=9
3*4=12
3*5=15
3*6=18
3*7=21
3*8=24
3*9=27
3*10=30
```

```

1      #include<stdio.h>
2      int main() {
3          int m, n;
4          scanf("%d%d", &m, &n);
5          for(int x=m; x<=n; x++) {
6              printf("\n\nFor %d\n", x);
7              for(int y=1; y<=x; y++) {
8                  if(x%y==0) {
9                      printf("%d  ", y);
10                 }
11             }
12         }
13     }

```



```

2
5

For 2
1 2

For 3
1 3

For 4
1 2 4

For 5
1 5
Process returned 0 (0x0)   execution
time : 15.677 s
Press any key to continue.

```

```

1      #include<stdio.h>
2      int main() {
3          int a, b;
4          scanf("%d%d", &a, &b);
5
6          for(int x=a; x<=b; x++) {
7              int k=0;
8              for(int y=2; y<x; y++) {
9                  if(x%y==0) {
10                     k++;
11                 }
12             }
13             if(k==0) {
14                 printf("%d\t", x);
15             }
16         }
17     }
18

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester..."

```

3
6
3      5
Process returned 0 (0x0)    execution
time : 4.340 s
Press any key to continue.

```

```

1      #include<stdio.h>
2      int main() {
3          int i, j, n;
4          scanf("%d", &n);
5
6          for(i=1; i<=n; i++) {
7              for(j=1; j<=i; j++) {
8                  printf("* ");
9              }
10             printf("\n");
11         }
12     }

```

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester...
5
*
*  *
*  *  *
*  *  *  *
*  *  *  *  *

Process returned 0 (0x0)    execution
time : 1.194 s
Press any key to continue.

```

```

1      #include<stdio.h>
2      int main() {
3          int i, j, n, k=0;
4          scanf("%d", &n);
5
6          for(i=1; i<=n; i++) {
7              for(j=1; j<=n; j++) {
8                  k=n-i;
9                  if(j<=k) {
10                     printf(" ");
11                 }
12                 else{
13                     printf("*");
14                 }
15             }
16             printf("\n");
17         }
18     }

```

```

5
    *
   **
  ***
 ****
*****

Process returned 0 (0x0)   execution
time : 13.506 s
Press any key to continue.

```

```

1      #include<stdio.h>
2      int main() {
3          int i, j, n;
4          scanf("%d", &n);
5
6          for(i=1; i<=n; i++) {
7              for(j=n; j>=i; j--) {
8                  printf("* ");
9              }
10             printf("\n");
11         }
12     }

```

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester\Lab 4\Unti...
5
* * * * *
* * * 
* * 
* 
*

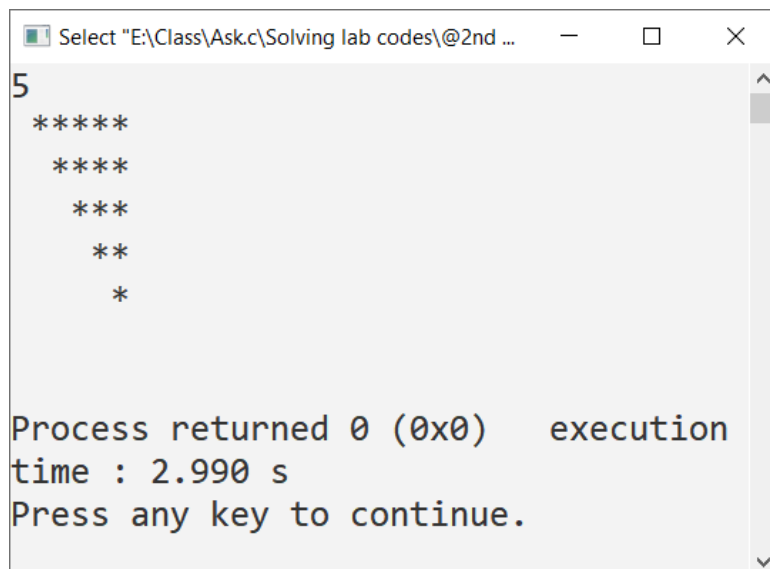
Process returned 0 (0x0)    execution
time : 21.266 s
Press any key to continue.

```

```

1  #include<stdio.h>
2  int main() {
3      int i, j, n, k=0;
4      scanf("%d", &n);
5
6      for(i=0; i<=n; i++) {
7          for(j=0; j<=n; j++) {
8              k=i;
9              if(j<=k) {
10                 printf(" ");
11             }
12             else {
13                 printf("*");
14             }
15         }
16         printf("\n");
17     }
18 }

```



```

5
*****
****
***
**
*

Process returned 0 (0x0)   execution
time : 2.990 s
Press any key to continue.

```

```

1  #include<stdio.h>
2  int main() {
3      int i, j, n;
4      scanf("%d", &n);
5
6      for(i=1; i<=n; i++) {
7          for(j=1; j<=i; j++) {
8              printf("%d ", j);
9          }
10         printf("\n");
11     }
12 }

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester\L...

5  
1  
1 2  
1 2 3  
1 2 3 4  
1 2 3 4 5

Process returned 0 (0x0) execution  
time : 20.173 s  
Press any key to continue.



```

1  #include<stdio.h>
2  int main() {
3      int i, j, n, k=0;
4      scanf("%d", &n);
5
6      for(i=0; i<=n; i++) {
7          for(j=0; j<=n; j++) {
8              k=i;
9              if(j<=k) {
10                 printf(" ");
11             }
12             else {
13                 printf("%d", j);
14             }
15         }
16         printf("\n");
17     }
18 }

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Sem..."

5

```

12345
 2345
   345
    45
     5

```

Process returned 0 (0x0) execution time : 23.219 s  
Press any key to continue.

```

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

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semester..."

5

```

      *
     * *
    * * *
   * * * *
  * * * * *

```

Process returned 0 (0x0)    execution  
time : 3.032 s  
Press any key to continue.

```

1  #include<stdio.h>
2  int main()
3  {
4      int n, s, i, j;
5      scanf("%d",&n);
6      for(i = 0; i <= n; i++){
7          for(s = 0; s < i; s++){
8              printf(" ");
9          }
10         for(j = n; j > i; j--){
11             printf("* ");
12         }
13         printf("\n");
14     }
15
16     return 0;
17 }

```

Select "E:\Class\Ask.c\Solving lab codes\@2nd Semes..."

```

5
* * * * *
 * * * *
  * * *
   * *
    *

Process returned 0 (0x0)    execution
time : 29.192 s
Press any key to continue.

```

```

1  #include <stdio.h>
2
3  int main()
4  {
5      int n, s, i, j;
6      scanf("%d", &n);
7      for(i = 0; i <= n; i++){
8          for(s = n; s > i; s--){
9              printf(" ");
10             }
11             for(j=0; j<i; j++){
12                 printf("* ");
13             }
14
15             printf("\n");
16         }
17         for(i = 1; i <= n; i++){
18             for(s = 0; s < i; s++){
19                 printf(" ");
20             }
21             for(j = n; j > i; j--){
22                 printf("* ");
23             }
24             printf("\n");
25         }
26     }

```

```

Select "E:\Class\Ask.c\Solving lab codes\...
5
    *
  * *
 * * *
* * * *
* * * * *
 * * * *
  * * *
    * *
      *

Process returned 0 (0x0)    execution
time : 1.074 s
Press any key to continue.

```

```

1  #include<stdio.h>
2  int main ()
3  {
4      int i,n,j=0,k;
5      scanf("%d",&n);
6      for(i=1;i<=n;i++){
7          j++;
8          printf("*");
9          if(j==5||j==10||j==15||j==20||j==25){
10             printf(" ");
11         }
12     }
13     printf("\n");
14     j=0;
15     for(i=1;i<=n;i++){
16         j++;
17         if(i==1||i==6||i==11||i==16||i==24){
18             printf("*");
19         }
20         else{
21             printf(" ");
22         }
23         if(j==5||j==10||j==15||j==20||j==25){
24             printf(" ");
25         }
26     }
27     printf("\n");
28     j=0;
29     for(i=1;i<=n;i++){
30         j++;
31         if(i==2||i==3||i==4||i==5||i==14||i==15||i==21||i==22||i==24||i==25){
32             printf(" ");
33         }
34         else{
35             printf("*");
36         }
37         if(j==5||j==10||j==15||j==20||j==25){
38             printf(" ");
39         }
40     }
41     printf("\n");
42     j=0;
43     for(i=1;i<=n;i++){
44         j++;
45         if(i==1||i==10||i==11||i==20||i==22){
46             printf("*");
47         }
48         else{
49             printf(" ");
50         }
51         if(j==5||j==10||j==15||j==20||j==25){
52             printf(" ");
53         }
54     }
55     printf("\n");
56     j=0;
57     for(i=1;i<=n;i++){
58         j++;
59         if(i==22||i==23||i==24||i==25){
60             printf(" ");
61         }
62         else{
63             printf("*");
64         }
65         if(j==5||j==10||j==15||j==20||j==25){
66             printf(" ");
67         }
68     }
69     return 0;
70 }
71

```

```

Select "E:\Class\Ask.c\Solving lab codes\@2n...
25
*****  *****  *****  *****  *****
*      *      *      *      *
*      *****  ***  *****  *
*      *      *      *      *
*****  *****  *****  *****  *

Process returned 0 (0x0)   execution time
: 2.428 s
Press any key to continue.

```

