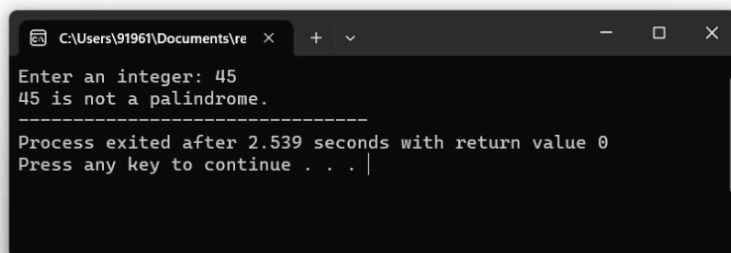


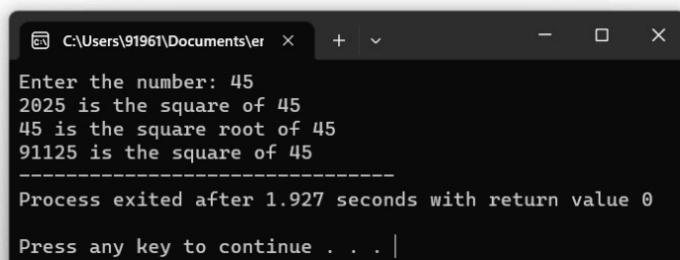
```
re.cpp ×
1 #include <stdio.h>
2 int main() {
3     int n, reversed = 0, remainder, original;
4     printf("Enter an integer: ");
5     scanf("%d", &n);
6     original = n;
7     while (n != 0) {
8         remainder = n % 10;
9         reversed = reversed * 10 + remainder;
10        n /= 10;
11    }
12    if (original == reversed)
13        printf("%d is a palindrome.", original);
14    else
15        printf("%d is not a palindrome.", original);
16
17    return 0;
18 }
```



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\91961\Documents\re" and standard window controls. The terminal output shows the program's execution: it prompts for an integer, receives "45", and outputs "45 is not a palindrome." followed by a separator line. It then displays "Process exited after 2.539 seconds with return value 0" and "Press any key to continue . . .".

```
C:\Users\91961\Documents\re × + v
Enter an integer: 45
45 is not a palindrome.
-----
Process exited after 2.539 seconds with return value 0
Press any key to continue . . . |
```

```
ert.cpp x
1  #include <stdio.h>
2  int main()
3  {
4      int a,sq,sqroot,cube;
5      printf("Enter the number: ");
6      scanf("%d",&a);
7      sq=a*a;
8      sqroot=a^(1/2);
9      cube=a*a*a;
10     printf("%d is the square of %d",sq,a);
11     printf("\n%d is the square root of %d",sqroot,a);
12     printf("\n%d is the square of %d",cube,a);
13     return 0;
14 }
```

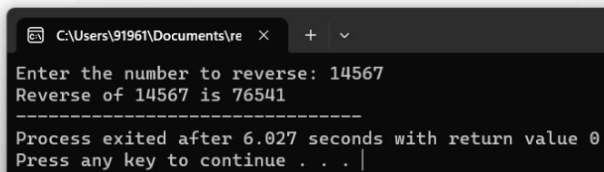


```
C:\Users\91961\Documents\er x + - □ ×
Enter the number: 45
2025 is the square of 45
45 is the square root of 45
91125 is the square of 45
-----
Process exited after 1.927 seconds with return value 0
Press any key to continue . . . |
```

```

1
2 #include<stdio.h>
3
4 int main(){
5
6     int Num,rev_Num=0,remainder,a;
7
8     printf("Enter the number to reverse: ");
9
10    scanf("%d",&Num);
11
12    a=Num;
13
14    for(;Num>0;){
15
16        remainder=Num%10;
17
18        rev_Num=rev_Num*10+remainder;
19
20        Num=Num/10;
21
22    }
23
24    printf("Reverse of %d is %d",a,rev_Num);
25
26 }

```



```

C:\Users\91961\Documents\re >
Enter the number to reverse: 14567
Reverse of 14567 is 76541
-----
Process exited after 6.027 seconds with return value 0
Press any key to continue . . .

```

g++ -o

```
rt.cpp x
1 #include<stdio.h>
2 int main(){
3     int i,j,rows;
4     printf("enter the number of rows:");
5     scanf("%d",&rows);
6     for(i=rows;i>=1;--i){
7         for(j=1;j<=i;++j){
8             printf("%d",j);
9         }
10        printf("\n");
11    }
12    return 0;
13 }
14 }
```

```
C:\Users\91961\Documents\rt x + v
enter the number of rows:5
12345
1234
123
12
1

-----
Process exited after 2.376 seconds with return value 0
Press any key to continue . . . |
```

Untitled25 × rty.cpp × ghjkl.cpp × sumki.cpp × loop9.cpp × hjk.cpp ×

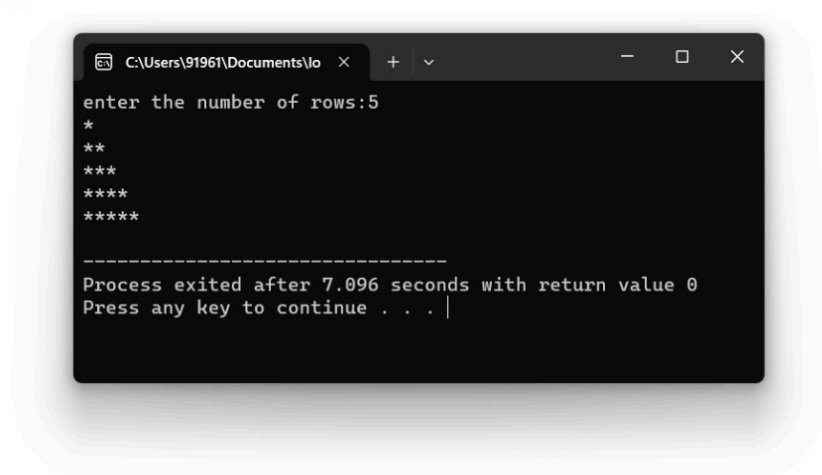
```
1 #include<stdio.h>
2 int main()
3 {
4     int i,j,rows;
5     printf("enter the number of rows:");
6     scanf("%d",&rows);
7     for(i=1;i<=rows;++i){
8         for(j=1;j<=i;++j){
9             printf("%d",j);
10        }
11        printf("\n");
12    }
13    return 0;
14 }
15
16
17
```

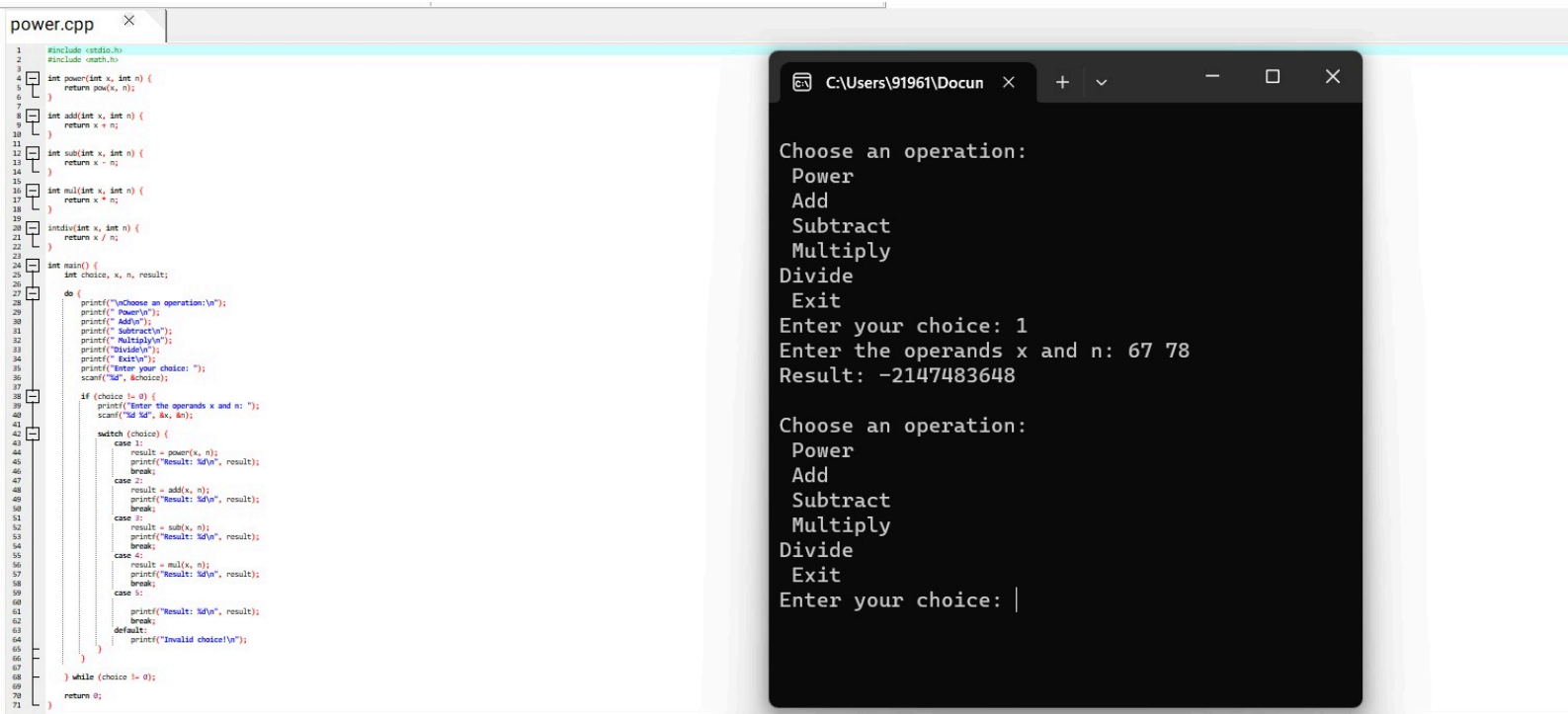
C:\Users\91961\Documents\hj × + - □ ×

```
enter the number of rows:5
1
12
123
1234
12345

-----
Process exited after 10.63 seconds with return value 0
Press any key to continue . . .
```

```
Untitled25 x | rty.cpp x | ghjkl.cpp x | sumki.cpp x | loop9.cpp x
1 #include<stdio.h>
2 int main(){
3     int i,j,rows;
4     printf("enter the number of rows:");
5     scanf("%d",&rows);
6     for(i=1;i<=rows;++i){
7         for(j=1;j<=i;++j){
8             printf("*");
9         }
10        printf("\n");
11    }
12    return 0;
13 }
```





```

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

```

```

C:\Users\91961\Documents\rt x + v - □ ×
Enter the number of rows: 5
      1
     2 1
    3 2 1
   4 3 2 1
  5 4 3 2 1

-----
Process exited after 5.206 seconds with return value 0
Press any key to continue . . . |

```