



Reverse numb...

replit.com



## Reverse number from 10 to 1 using for loop.c

```
1 #include <stdio.h>
2 int factorial(int n) {
3     if (n == 0 || n == 1)
4         return 1;
5     return n * factorial(n - 1);
6 }
7
8 int main() {
9     int num;
10    printf("Enter a number: ");
11    scanf("%d", &num);
12
13    printf("Factorial of %d is %d\n",
14        num, factorial(num));
15    printf("M JAYANTH ");
16
17    return 0;
18 }
```



AI { } C

Ln 17, Col 2 • Spaces: 4 History ⌂

C main.c



▶ Run





Reverse numb...

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Reverse number from 10 to 1 using for loop.c MJ

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▼ Run

Ask AI

✓

Enter a number: 1  
Factorial of 1 is 1  
M JAYANTH



GIF



1

2

3

4

5

6

7

8

9

0

q

w

e

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i

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l



z

x

c

v

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m



?123

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X ✓ ⚙ main.c - Orna...

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```
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1 #include <stdio.h>
2 ∵ int add(int a, int b) {
3     return a + b;
4 }
5
6 ∵ int main() {
7     int num1, num2, result;
8     printf("Enter two numbers: ");
9     scanf("%d %d", &num1, &num2);
10
11    result = add(num1, num2);
12    printf("Sum: %d\n", result);
13    printf("jayanth");
14    return 0;
15 }
```

AI { } C

Ln 15, Col 2 • Spaces: 4 History ⌂

C main.c

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Run Ask AI ✓

```
Enter two numbers: 1 4
Sum: 5
jayanth
```

⋮ >\_ Console ⋮

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Ask AI



Enter three numbers: 1 2 3

Largest number: 3

m JAYANTH



&gt;\_ Console



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```
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1 #include <stdio.h>
2 ↘ const char* checkEvenOdd( int num ) {
3     return ( num % 2 == 0 ) ? "Even" :
4         "Odd";
5
6 ↘ int main( ) {
7     int num;
8     printf("Enter a number: ");
9     scanf("%d", &num);
10
11    printf("%d is %s\n", num,
12        checkEvenOdd( num ) );
13    printf("M jayanth ");
14    return 0;
}
```

AI {✓} C

Ln 1, Col 1 • Spaces: 4 History ⌂

C main.c



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Ask AI



Enter a number: 2

2 is Even

M jayanth



&gt;\_ Console



▶ Run





```
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1 #include <stdio.h>
2 ▾ int largest(int a, int b, int c) {
3     if (a > b && a > c)
4         return a;
5     else if (b > c)
6         return b;
7     else
8         return c;
9 }
10
11 ▾ int main() {
12     int num1, num2, num3;
13     printf("Enter three numbers: ");
14     scanf("%d %d %d", &num1, &num2,
15           &num3);
16     printf("Largest number: %d\n",
17            largest(num1, num2, num3));
18     printf("m JAYANTH ");
19 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⏺

C main.c



▶ Run





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```
1 #include <stdio.h>
2
3 int main() {
4     int arr[100], n, sum = 0;
5
6     printf("Enter the number of
elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements: ", n);
10    for (int i = 0; i < n; i++) {
11        scanf("%d", &arr[i]);
12        sum += arr[i];
13    }
14
15    printf("Sum of array elements:
%d\n", sum);
16    printf("jayanth ");
17    return 0;
18 }
```

AI { } C

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C main.c



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Run

Ask AI



Enter the number of elements: 4

Enter 4 elements: 4 9 8 6

Sum of array elements: 27

jayanth



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```
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1 #include <stdio.h>
2
3 ▾ int main() {
4     int arr[100], n, max;
5
6     printf("Enter the number of
elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements: ", n);
10 ▾     for (int i = 0; i < n; i++) {
11         scanf("%d", &arr[i]);
12     }
13
14     max = arr[0];
15 ▾     for (int i = 1; i < n; i++) {
16         if (arr[i] > max) {
17             max = arr[i];
18         }
19     }
20
21     printf("Largest element: %d\n",
max);
22     printf("jayanth");
23     return 0;
24 }
```

AI {} C Ln 1, Col 1 • Spaces: 4 History ⌂

C main.c

⋮



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Run

Ask AI



Enter the number of elements: 4

Enter 4 elements: 2 7 6 8

Largest element: 8

jayanth



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▶ Run





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```
1 #include <stdio.h>
2
3 int main() {
4     int arr[100], n;
5
6     printf("Enter the number of
elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements: ", n);
10    for (int i = 0; i < n; i++) {
11        scanf("%d", &arr[i]);
12    }
13
14    printf("Reversed array: ");
15    for (int i = n - 1; i >= 0; i--) {
16        printf("%d ", arr[i]);
17    }
18    printf("\n");
19    printf("m jayanth");
20    return 0;
21 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⏪

C main.c

⋮



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Run

Ask AI



Enter the number of elements: 2

Enter 2 elements: 4 5

Reversed array: 5 4

m jayanth



GIF



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X ✓ ⚙ main.c - Orna... repl.it.com

```
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2  
3 ✓ int main() {  
4     int arr[100], n, search, count =  
5     0;  
6  
7     printf("Enter the number of  
elements: ");  
8     scanf("%d", &n);  
9  
10    printf("Enter %d elements: ", n);  
11    for (int i = 0; i < n; i++) {  
12        scanf("%d", &arr[i]);  
13    }  
14  
15    printf("Enter the element to  
search: ");  
16    scanf("%d", &search);  
17  
18    for (int i = 0; i < n; i++) {  
19        if (arr[i] == search) {  
20            count++;  
21        }  
22    }  
23  
24    printf("Element %d occurs %d  
times.\n", search, count);  
25    printf("m jayanth ");
```

AI {} C

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C main.c

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```
6     printf("Enter the number of
elements: ");
7     scanf("%d", &n);
8
9     printf("Enter %d elements: ", n);
10    for (int i = 0; i < n; i++) {
11        scanf("%d", &arr[i]);
12    }
13
14    printf("Enter the element to
search: ");
15    scanf("%d", &search);
16
17    for (int i = 0; i < n; i++) {
18        if (arr[i] == search) {
19            count++;
20        }
21    }
22
23    printf("Element %d occurs %d
times.\n", search, count);
24    printf("m jayanth ");
25    return 0;
26 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History

C main.c



Run



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Run Ask AI ✓

```
Enter the number of elements: 5
Enter 5 elements: 4 3 2 1 5
Enter the element to search: 5
Element 5 occurs 1 times.
m jayanth
```

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

?123 , . ←



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```
1 #include <stdio.h>
2
3 ✓ void swap(int *a, int *b) {
4     int temp = *a;
5     *a = *b;
6     *b = temp;
7 }
8
9 ✓ int main() {
10     int num1, num2;
11     printf("Enter two numbers: ");
12     scanf("%d %d", &num1, &num2);
13
14     printf("Before swapping: num1 =
15         %d, num2 = %d\n", num1, num2);
16     swap(&num1, &num2);
17     printf("After swapping: num1 =
18         %d, num2 = %d\n", num1, num2);
19     printf("M JAYANTH ");
20     return 0;
21 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⏺

C main.c



▶ Run





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Run

Ask AI



Enter two numbers: 3 2  
Before swapping: num1 = 3, num2 = 2  
After swapping: num1 = 2, num2 = 3  
M JAYANTH



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2
3 int main() {
4     int arr[100], n, sum = 0;
5     int *ptr;
6
7     printf("Enter the number of
elements: ");
8     scanf("%d", &n);
9
10    printf("Enter %d elements: ", n);
11    for (int i = 0; i < n; i++) {
12        scanf("%d", &arr[i]);
13    }
14
15    ptr = arr;
16    for (int i = 0; i < n; i++) {
17        sum += *(ptr + i);
18    }
19
20    printf("Sum of array elements:
%d\n", sum);
21    printf("M JAYANTH");
22    return 0;
23 }
```



AI { } C

Ln 23, Col 2 • Spaces: 4 History

main.c



Run





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Run

Ask AI



Enter the number of elements: 2

Enter 2 elements: 2 4

Sum of array elements: 6

M JAYANTH



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2
3 int main() {
4     int num;
5     int *ptr;
6
7     printf("Enter a number: ");
8     scanf("%d", &num);
9
10    ptr = &num;
11
12    printf("Value of num: %d\n", num);
13    printf("Address of num: %p\n",
14           (void*)&num);
15    printf("Value at pointer ptr:
16           %d\n", *ptr);
17    printf("Address stored in ptr:
18           %p\n", (void*)ptr);
19    printf("M JAYANTH ");
20    return 0;
21 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⌂

main.c



Run





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Run

Ask AI



Enter a number: 3

Value of num: 3

Address of num: 0x7ffffc5f00e4

Value at pointer ptr: 3

Address stored in ptr: 0x7ffffc5f00e4

M JAYANTH



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2 #include <string.h>
3
4 ↴ void reverseString(char *str) {
5     char *start = str;
6     char *end = str + strlen(str) - 1;
7     char temp;
8
9     ↴ while (start < end) {
10         temp = *start;
11         *start = *end;
12         *end = temp;
13
14         start++;
15         end--;
16     }
17 }
18
19 ↴ int main() {
20     char str[100];
21
22     printf("Enter a string: ");
23     scanf("%s", str);
24
25     reverseString(str);
26     printf("Reversed string: %s\n",
27             str);
```

AI {✓} C

Ln 1, Col 1 • Spaces: 4 History ⏺

C main.c



▶ Run





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```
/   char temp;  
8  
9 ↴    while (start < end) {  
10         temp = *start;  
11         *start = *end;  
12         *end = temp;  
13  
14         start++;  
15         end--;  
16     }  
17 }  
18  
19 ↴ int main() {  
20     char str[100];  
21  
22     printf("Enter a string: ");  
23     scanf("%s", str);  
24  
25     reverseString(str);  
26     printf("Reversed string: %s\n",  
27     str);  
28     printf("M JAYANTH");  
29  
30 }
```

AI {✓} C

Ln 1, Col 1 • Spaces: 4 History ⏺

C main.c



▶ Run





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Run

Ask AI



Enter a string: 123  
Reversed string: 321  
M JAYANTH



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main() {
5     char str[100];
6
7     printf("Enter a string: ");
8     fgets(str, sizeof(str), stdin);
9     str[strcspn(str, "\n")] = '\0';
10
11    printf("Length of the string:
%ld\n", strlen(str));
12    printf("M JAYANTH ");
13    return 0;
14 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⌂

main.c



Run





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Run

Ask AI



Enter a string: 45  
Length of the string: 2  
M JAYANTH



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2 #include <string.h>
3
4 ∵ int main() {
5     char str1[100], str2[100];
6
7     printf("Enter the first string:
8 ");
9     fgets(str1, sizeof(str1), stdin);
10    str1[strcspn(str1, "\n")] = '\0';
11
12    printf("Enter the second string:
13 ");
14    fgets(str2, sizeof(str2), stdin);
15    str2[strcspn(str2, "\n")] = '\0';
16
17    strcat(str1, str2);
18
19    printf("Concatenated string:
20 %s\n", str1);
21    printf("M JAYANTH");
22    return 0;
23 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⌂

C main.c



▶ Run





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Run

Ask AI



Enter the first string: M  
Enter the second string: jay  
Concatenated string: M jay  
M JAYANTH



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▶ Run



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MJ

```
OrnateLovableAccounting ▾ ⏺  
1 #include <stdio.h>  
2 #include <string.h>  
3  
4 ∵ int main() {  
5     char str1[100], str2[100];  
6  
7     printf("Enter the first string:  
");  
8     fgets(str1, sizeof(str1), stdin);  
9     str1[strcspn(str1, "\n")] = '\0';  
10  
11    printf("Enter the second string:  
");  
12    fgets(str2, sizeof(str2), stdin);  
13    str2[strcspn(str2, "\n")] = '\0';  
14  
15 ∵     if (strcmp(str1, str2) == 0) {  
16         printf("The strings are  
equal.\n");  
17     } else {  
18         printf("The strings are not  
equal.\n");  
19     }  
20     printf("m jayanth ");  
21  
22     return 0;  
23 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⏺

C main.c

⋮



▶ Run





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Run

Ask AI



Enter the first string: 67  
Enter the second string: 89  
The strings are not equal.  
m jayanth



&gt;\_ Console



▶ Run





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```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main() {
5     char str[100], reversed[100];
6     int length, i;
7
8     printf("Enter a string: ");
9     fgets(str, sizeof(str), stdin);
10    str[strcspn(str, "\n")] = '\0';
11
12    length = strlen(str);
13
14    for (i = 0; i < length; i++) {
15        reversed[i] = str[length - i
16 - 1];
17    }
18    reversed[i] = '\0';
19
20    printf("Reversed string: %s\n",
21    reversed);
22 }
```

AI { } C

Ln 1, Col 1 • Spaces: 4 History ⏪

main.c

⋮



Run





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 Show Only Latest  Clear History

Run

Ask AI



Enter a string: 45  
Reversed string: 54



&gt;\_ Console



▶ Run

