

Online C Compiler

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Interactive C Course

main.c

Run

Output

Clear

```
1 #include<stdio.h>
2 int main()
3 {
4     int num;
5     printf("Enter number:");
6     scanf("%d", &num);
7     if(num>0)
8         printf("The number %d is Positive",num);
9     else if(num==0)
10        printf("The number %d is Negative",num);
11    return 0;
12 }
```


```
/tmp/z0RXeSJjMM.o
Enter number:66
The number 66 is Positive
```

JS

php

Breaking news

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main.c

Run

Output

Clear

```
1 #include <stdio.h>
2 int main() {
3     int num;
4     printf("Enter an integer: ");
5     scanf("%d", &num);
6
7     // true if num is perfectly divisible by 2
8     if(num % 2 == 0)
9         printf("%d is even.", num);
10    else
11        printf("%d is odd.", num);
12
13    return 0;
14 }
```

```
/tmp/z0RXeSJjMM.o
Enter an integer: 80
80 is even.
```

JS

php

33°C Sunny

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Run

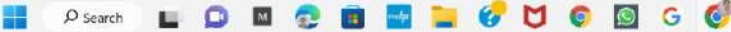
Output

Clear

```
1 #include <stdio.h>
2
3 int main() {
4
5     int n, reverse = 0, remainder;
6
7     printf("Enter an integer: ");
8     scanf("%d", &n);
9
10    while (n != 0) {
11        remainder = n % 10;
12        reverse = reverse * 10 + remainder;
13        n /= 10;
14    }
15
16    printf("Reversed number = %d", reverse);
17
18    return 0;
19 }
```

/tmp/rGthuug4zp.o
Enter an integer: 2
Reversed number = 2

36°C
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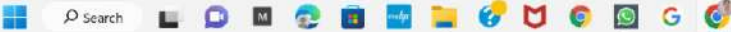
Output

Clear

```
1 #include <stdio.h>
2
3 int main() {
4
5     int n, reverse = 0, remainder;
6
7     printf("Enter an integer: ");
8     scanf("%d", &n);
9
10    while (n != 0) {
11        remainder = n % 10;
12        reverse = reverse * 10 + remainder;
13        n /= 10;
14    }
15
16    printf("Reversed number = %d", reverse);
17
18    return 0;
19 }
```

/tmp/rGthuug4zp.o
Enter an integer: 2
Reversed number = 2

36°C
Mostly sunny



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main.c		Run	Output	Clear
<pre>1 #include<stdio.h> 2 int main() 3 { 4 int n,sum=0,m; 5 printf("Enter a number:"); 6 scanf("%d",&n); 7 while(n>0) 8 { 9 m=n%10; 10 sum=sum+m; 11 n=n/10; 12 } 13 printf("Sum is=%d",sum); 14 return 0; 15 }</pre>			<pre>/tmp/4gz6DbGvMt.o Enter a number:50 Sum is=5</pre>	

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main.c

Run

Output

Clear

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int n, i;
6     float sum = 0, avg, num;
7
8     printf("Enter number of elements: ");
9     scanf("%d", &n);
10    printf("\nEnter %d elements\n", n);
11    for(i = 0; i < n; i++)
12    {
13        scanf("%f", &num);
14        sum = sum + num;
15    }
16    avg = sum / n;
17    printf("\nAverage of numbers is %f", avg);
18
19    return 0;
20 }
```

```
/tmp/4gz6DbGvMt.o
Enter number of elements: 66
Enter 66 elements
```

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main.c

Run

```
1 #include <stdio.h>
2 int main()
3 {
4     int num, remainder, total=0, temp;
5     printf("Enter the number=");
6     scanf("%d", &num);
7     temp=num;
8     {
9         remainder=num%10;
10        total=total+(remainder*remainder*remainder);
11        num=num/10;
12    }
13    if(temp==total)
14        printf("This number is Armstrong number");
15    else
16        printf("This number is not Armstrong number");
17    return 0;
18 }
```

Output

Clear

/tmp/4gz6DbGvMt.o
Enter the number=80
This number is not Armstrong number

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Interactive C Course

main.c

Run

Output

Clear

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,fact=1,number;
5     printf("Enter a number: ");
6     scanf("%d",&number);
7     for(i=1;i<=number;i++){
8         fact=fact*i;
9     }
10    printf("Factorial of %d is: %d",number,fact);
11    return 0;
12 }
```

```
/tmp/4gz6DbGvMt.o
Enter a number:12
Factorial of 2 is: 2
```

JS

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main.c

Run

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,sum;
5     printf("enter the value of n:");
6     scanf("%d",&n);
7     sum=(n*n)*((n+1)*(n+1))/4;
8     printf("sum of square of %d natural numbers=%d",n,sum);
9 }
```

Output

Clear

```
/tmp/4gz6DbGvMt.o
enter the value of n:
```

JS

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main.c

Run

```
1 #include <stdio.h>
2 int main() {
3     int n = 8;
4     int sum = 0;
5     for (int i = 1; i <= n; i++)
6         sum += (2*i - 1) * (2*i - 1);
7     printf("The sum of square of first %d odd numbers is %d", n, sum);
8     return 0;
9 }
```

Output

Clear

```
/tmp/4gz6DbGvMt.o
The sum of square of first 8 odd numbers is 680
```