



Project Classes Debug

fact.cpp

```
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 }
13
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\fact.exe
- Output Size: 125.591796875 KiB
- Compilation Time: 0.95s
```

Line: 13 Col: 1 Sel: 0 Lines: 13 Length: 229 Insert Done parsing in 0.094 seconds

C:\Users\91630\Documents\fact.exe

```
Enter a number: 5
Factorial of 5 is: 120
-----
Process exited after 4.028 seconds with return value 0
Press any key to continue . . .
```



(globals)

Project Classes Debug

```

fact.cpp
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);
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```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

```

- Errors: 0
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- Output Filename: C:\Users\91630\Documents\fact.exe
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```

Line: 13 Col: 1 Sel: 0 Lines: 13 Length: 229 Insert Done parsing in 0.094 seconds

C:\Users\91630\Documents\fact.exe

```

Enter a number: 5
Factorial of 5 is: 120
-----
Process exited after 4.028 seconds with return value 0
Press any key to continue . . .
    
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int number,remainder,total=0,temp;
5     printf("enter the number=");
6     scanf("%d",&number);
7     temp=number;
8     while(number>0){
9         remainder=number%10;
10        total=total+(remainder*remainder*remainder);
11        number=number/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;
```

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\armstrong.exe
- Output Size: 125.591796875 KiB
- Compilation Time: 0.25s

```
enter the number=123
This number is not Armstrong number
-----
Process exited after 7.966 seconds with return value 0
Press any key to continue . . .
```



(globals)

Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp

```
1
2 #include <stdio.h>
3 int main()
4 {
5     int num, sum = 0, n;
6     float avg;
7     printf("Please Enter term of n number:-");
8     scanf("%d", &n);
9     for(int i = 1; i <= n; i++)
10    {
11        printf("Number %d = ", i);
12        scanf("%d", &num);
13        sum = sum + num;
14    }
15    avg = sum / n;
16    printf("\nThe Sum of n Numbers = %d", sum);
17    printf("\nThe Average of n Numbers = %.2f\n", avg);
18 }
19
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\sum and ave
- Output Size: 125.611328125 KiB
- Compilation Time: 0.23s
```

C:\Users\91630\Documents\sum and average.exe

Please Enter term of n number:-2

Number 1 = 12

Number 2 = 13

The Sum of n Numbers = 25

The Average of n Numbers = 12.00

Process exited after 7.864 seconds with return value 0

Press any key to continue . . .

Line: 1 Col: 1 Sel: 0 Lines: 19 Length: 369 Insert Done parsing in 0 seconds

Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp find interger number.cpp

```
1 #include <stdio.h>
2 int main() {
3     int number;
4     printf("Enter an integer: ");
5     scanf("%d", &number);
6     printf("You entered: %d", number);
7     return 0;
8 }
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\find interger number.exe
- Output Size: 125.6162109375 KiB
- Compilation Time: 0.25s

Line: 8 Col: 2 Sel: 0 Lines: 8 Length: 158 Insert Done parsing

```
Enter an integer: 12
You entered: 12
-----
Process exited after 1.866 seconds with return value 0
Press any key to continue . . .
```



```
1
2 #include <stdio.h>
3 int main()
4 {
5     int n, t, sum = 0, remainder;
6     printf("Enter an integer\n");
7     scanf("%d", &n);
8     t = n;
9     while (t != 0)
10    {
11        remainder = t % 10;
12        sum = sum + remainder;
13        t = t / 10;
14    }
15    printf("Sum of digits of %d = %d\n", n, sum);
16    return 0;
17 }
```

```
Enter an integer
12
Sum of digits of 12 = 3

-----
Process exited after 19.32 seconds with return value 0
Press any key to continue . . .
```

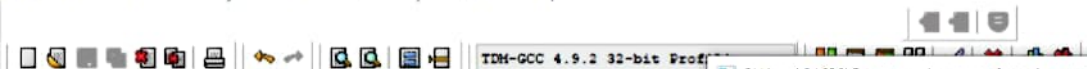
Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\summing of
- Output Size: 125.78515625 KiB
- Compilation Time: 0.25s
```

Line: 1 Col: 1 Sel: 0 Lines: 17 Length: 278 Insert Done parsing in 0.016 seconds



(globals)

Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp find interger number

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

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\reverse of number.exe
- Output Size: 125.61328125 KiB
- Compilation Time: 0.27s
```

Line: 4 Col: 2 Sel: 0 Lines: 15 Length: 274 Insert Done parsing in 0 seconds

Type here to search



32°C ENG

10:04
04-10-2022

C:\Users\91630\Documents\reverse of number.exe

Enter an integer: 1234

Reversed number = 4321

Process exited after 5.739 seconds with return value 0

Press any key to continue . . .



(globals)

Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp find integer number.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int num;
5
6     printf("Input a number :");
7     scanf("%d", &num);
8     if (num >= 0)
9         printf("%d is a positive number \n", num);
10    else
11        printf("%d is a negative number \n", num);
12 }
13
14
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\finding g
- Output Size: 125.640625 KiB
- Compilation Time: 0.25s
```

<

C:\Users\91630\Documents\finding given integer is positive or negative.exe

```
Input a number : -3
-3 is a negative number
```

```
-----
Process exited after 5.952 seconds with return value 0
Press any key to continue . . .
```

Line: 2 Col: 5 Sel: 0 Lines: 14 Length: 249 Insert Done parsing in 0.015 seconds



(globals)

Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp find interger number.cpp summipn of interger.cpp reverse of number.cpp finding given integer is positive or negative.cpp SWAPP.CPP

```
1 #include<stdio.h>
2 int main()
3 {
4     int x, y, temp;
5     printf("Enter the value of x and y: ");
6     scanf("%d %d", &x, &y);
7     printf("Before swapping x=%d, y=%d ", x, y);
8     temp = x;
9     x = y;
10    y = temp;
11    printf("After swapping x=%d, b=%d", x, y);
12    return 0;
13 }
14
```

C:\Users\91630\Documents\swapp.exe

```
Enter the value of x and y: 12 14
Before swapping x=12, y=14 After swapping x=14, b=12
-----
Process exited after 4.712 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\swapp.exe
- Output Size: 125.591796875 KiB
- Compilation Time: 0.27s
```

Line: 14 Col: 1 Sel: 0 Lines: 14 Length: 264 Insert Done parsing in 0.015 seconds



Project Classes Debug

fact.cpp

armstrong.cpp

sum and

find integer number.cpp

summing of integer.cpp

sum of number.cpp

finding given integer is positive or negative.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int decimal_Number = 45;
5     int i = 1, j, temp;
6     char hexa_Number[100];
7     while (decimal_Number != 0) {
8         int ch = decimal_Number / 16;
9         int r = ch * 16;
10        temp = decimal_Number - r;
11        if (temp < 10)
12            temp = temp + 48;
13        else
14            temp = temp + 55;
15        hexa_Number[i++] = temp;
16        decimal_Number = decimal_Number / 16;
17    }
18    printf("Hexadecimal value is: ");
19    for (j = i - 1; j > 0; j--)
20        printf("%c", hexa_Number[j]);
21    return 0;
}
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\de
- Output Size: 125.59375 KiB
- Compilation Time: 0.27s
```

<

C:\Users\91630\Documents\dec to hex.exe

```
Hexadecimal value is: 2D
-----
Process exited after 0.01913 seconds with return value 0
Press any key to continue . . .
```

me: 4 Col: 25 Sel: 0 Lines: 22 Length: 469 Insert Done parsing in 0 seconds

Type here to search



32°C

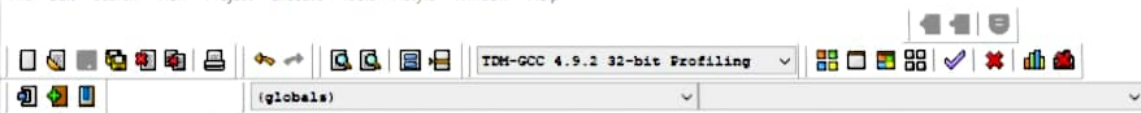


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10:23

04-10-2022





Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp

finding given integer is positive or negative.cpp

```
1
2 #include <stdio.h>
3 #include <math.h>
4 #include <string.h>
5 int main()
6 {
7     char hex[17];
8     long long decimal, place;
9     int i = 0, val, len;
10    decimal = 0;
11    place = 1;
12    printf("Enter any hexadecimal number: ");
13    gets(hex);
14    len = strlen(hex);
15    len--;
16    for(i=0; hex[i]!='\0'; i++)
17    {
18        if(hex[i]>='0' && hex[i]<='9')
19        {
20            val = hex[i] - 48;
21        }
```

C:\Users\91630\Documents\hexa to dec.exe

```
Enter any hexadecimal number: 2D
Hexadecimal number = 2D
Decimal number = 45
-----
Process exited after 10.94 seconds with return value 0
Press any key to continue . . .
```

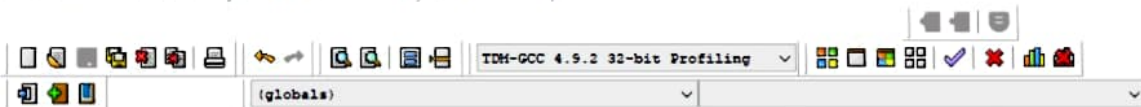
Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\hexa to dec.exe
- Output Size: 142.197265625 KiB
- Compilation Time: 0.28s
```

Line: 1 Col: 1 Sel: 0 Lines: 36 Length: 648 Insert Done parsing in 0 seconds



Project Classes Debug

```
fact.cpp      armstrong.cpp      sum and average.cpp
finding given integer is positive or negative.cpp      swapp

1
2 #include <stdio.h>
3 int main()
4 {
5     int number;
6     printf("\n Please Enter the Number You want to Convert :
7     scanf("%d", &number);
8     printf("\n Octal Number of a Given Number = %o", number);
9     return 0;
10 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\dec to oct.exe
- Output Size: 125.591796875 KiB
- Compilation Time: 0.28s
```

Line: 1 Col: 1 Sel: 0 Lines: 10 Length: 214 Insert Done parsing in 0 seconds

Type here to search



32°C ENG

10:28
04-10-2022

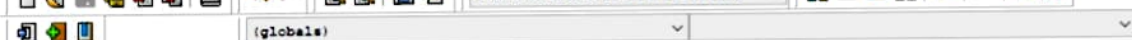
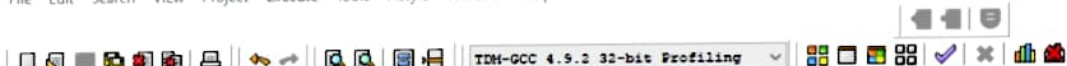
C:\Users\91630\Documents\dec to oct.exe

Please Enter the Number You want to Convert : 23

Octal Number of a Given Number = 27

Process exited after 11.8 seconds with return value 0

Press any key to continue . . .



Project Classes Debug

fact.cpp armstrong.cpp sum and average.cpp find interger number.cpp summing of interger.cpp reverse of number.cpp
finding given integer is positive or negative.cpp swap.cpp [!l dec to hex.cpp hex to dec.cpp dec to oct.cpp oct to dec.cpp

```
1
2 #include <stdio.h>
3 #include <math.h>
4 int main()
5 {
6     int octal, decimal = 0;
7     int i = 0;
8     printf("Enter the Octal Number = ");
9     scanf("%d",&octal);
10    while(octal != 0)
11    {
12        decimal = decimal + (octal % 10) * pow(8, i++);
13        octal = octal / 10;
14    }
15    printf("The Decimal Value = %d\n", decimal);
16    return 0;
17 }
18
```

C:\Users\91630\Documents\oct to dec.exe

```
Enter the Octal Number = 28
The Decimal Value = 24

-----
Process exited after 2.216 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\91630\Documents\oct
- Output Size: 141.6982421875 KiB
- Compilation Time: 0.27s
```

Line: 1 Col: 1 Sel: 0 Lines: 18 Length: 321 Insert

Done parsing in 0 seconds