

C:\Users\RAJI\OneDrive\Documents\dec to oct.cpp [Executing] Dev C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug hex to dec.cpp dec to hex.cpp dec to oct.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int number;
5     printf("\n enter the decimal number : ");
6     scanf("%d", &number);
7
8     printf("\n Octal Number of a Given Number = %o", number);
9
10    return 0;
11 }
12
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\RAJI\OneDrive\Documents\dec to oct.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.27s
```

```
C:\Users\RAJI\OneDrive\Documents\...
enter the decimal number : 56

Octal Number of a Given Number = 70
-----
Process exited after 16.32 seconds with return v
alue 0
Press any key to continue . . .
```

C:\Users\RAJI\OneDrive\Documents\binary multiplication.cpp - [Executing] Dev C++ 5.11

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(globals)

Project Classes Debug hex to dec.cpp dec to hex.cpp dec to oct.cpp oct to dec.cpp bin to decimal.cpp binary addition.cpp binary subtraction.cpp binary multiplication.cpp

```
20     binary1 = binary1 * factor;
21     binary2 = binary2 / 10;
22     factor = 10;
23 }
24 printf("Product of two binary numbers: %ld", multiply);
25 return 0;
26 }
27 int binaryproduct(int binary1, int binary2)
28 {
29     int i = 0, remainder = 0, sum[20];
30     int binaryprod = 0;
31     while (binary1 != 0 || binary2 != 0)
32     {
33         sum[i++] = (binary1 % 10 + binary2 % 10 + remainder) % 2;
34         remainder = (binary1 % 10 + binary2 % 10 + remainder) / 2;
35         binary1 = binary1 / 10;
36         binary2 = binary2 / 10;
37     }
38     if (remainder != 0)
39         sum[i++] = remainder;
40     --i;
41     while (i >= 0)
42         binaryprod = binaryprod * 10 + sum[i--];
43     return binaryprod;
44 }
45 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

-----

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\RAJI\OneDrive\Documents\binary multiplication.exe
- Output Size: 129.6640625 KiB
- Compilation Time: 0.31s

C:\Users\RAJI\OneDrive\Documents\binary multiplication.exe

```
Enter the first binary number: 11011
Enter the second binary number: 001111
Product of two binary numbers: 110010101
-----
Process exited after 10.39 seconds with return value 0
Press any key to continue . . .
```

C:\Users\RAJI\OneDrive\Documents\oct to dec.cpp [Executing] Dev C++ 5.11

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TDH-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

```
hex to dec.cpp  dec to hex.cpp  dec to oct.cpp  oct to dec.cpp
1  #include<stdio.h>
2  #include<math.h>
3  long long convertOctalToDecimal(int octal);
4  int main()
5  {
6      int octal;
7      printf("enter an octal number:");
8      scanf("%d",&octal);
9      printf("%d in octal=%d in decimal",octal,convertOctalToDecimal(octal));
10     return 0;
11 }
12 long long convertOctalToDecimal(int octal)
13 {
14     int dec=0,i=0;
15     while(octal!=0)
16     {
17         dec=dec+(octal%10)*pow(8,i);
18         ++i;
19         octal=octal/10;
20     }
21     i=1;
22     return dec;
23 }
24
```

C:\Users\RAJI\OneDrive\Documents\oct to dec.exe

```
enter an octal number:56
56 in octal=46 in decimal
-----
Process exited after 17.68 seconds with return value 0
Press any key to continue . . .
```

C:\Users\RAJ\OneDrive\Documents\binary addition.cpp [Executing] - Dev C++ 5.11

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Debugger toolbar icons and IDB-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug hex to dec.cpp deci to hex.cpp dec to oct.cpp oct to dec.cpp bin to decimal.cpp binary addition.cpp

```
3 long bin1,bin2;
4 int i=0,rem=0,sum[20];
5 printf("enter the first binary number:");
6 scanf("%ld",&bin1);
7 printf("enter the second binary number:");
8 scanf("%ld",&bin2);
9 while(bin1!=0 || bin2!=0)
10 {
11     sum[i++]=(bin1%10+bin2%10+rem)%2;
12     rem=(bin1%10+bin2%10+rem)/2;
13     bin1=bin1/10;
14     bin2=bin2/10;
15 }
16 if(rem!=0)
17 {
18     sum[i++]=rem;
19     --i;
20     printf("\nsum of two binary numbers:");
21 }
22 while(i>=0)
23 {
24     printf("%d",sum[i--]);
25 }
26 return 0;
27
```

C:\Users\RAJ\OneDrive\Documents\binary addition.exe

```
enter the first binary number:011100
enter the second binary number:110011

sum of two binary numbers:1001111
-----
Process exited after 38.12 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

C:\Users\RAJI\OneDrive\Documents\bin to decimal.cpp - [Executing] - Dev-C++ 5.11

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Debugger toolbar icons: Run, Step Into, Step Over, Step Return, Breakpoint, Watch, Call Stack, Data View, Memory View, etc.

IDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

hex to dec.cpp dec to hex.cpp dec to oct.cpp oct to dec.cpp

```
1  #include<stdio.h>
2  int main()
3  {
4      int n,bin,dec=0,base=1,rem;
5      printf("enter binary number:");
6      scanf("%d",&n);
7      bin=n;
8      while(n>0)
9      {
10         rem=n%10;
11         dec=dec+rem*base;
12         n=n/10;
13         base=base*2;
14     }
15     printf("the decimal is :%d",dec);
16     return 0;
17 }
18
```

C:\Users\RAJI\OneDrive\Documents\bin to decimal.exe

```
enter binary number:56
the decimal is :16
-----
Process exited after 14.69 seconds with return value 0
Press any key to continue . . .
```

C:\Users\RAJI\OneDrive\Documents\dec to hex.cpp [Executing] - Dev C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug hex to dec.cpp dec to hex.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     printf("Enter the decimal value:");
6     scanf("%d",&n);
7     printf("The hex value is: %x",n);
8     return 0;
9 }
```

C:\Users\RAJI\OneDrive\Documents\dec to hex.exe

```
Enter the decimal value:45
The hex value is: 2d
-----
Process exited after 14.9 seconds with return value 0
Press any key to continue . . .
```

C:\Users\RAJI\OneDrive\Documents\dec to hex.cpp - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

dec to hex.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int n;
5     printf("Enter HEXA DECIMAL value:");
6     scanf("%x", &n);
7     printf("The decimal value is: %d", n);
8     return 0;
9 }
```

C:\Users\RAJI\OneDrive\Documents\dec to hex.cpp

```
Enter HEXA DECIMAL value:3f
The decimal value is: 63
-----
Process exited after 8.703 seconds with return
value 0
Press any key to continue . . .
```

C:\Users\RAJ\OneDrive\Documents\binary subtration.cpp [Executing] - Dev C++ 5.11

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Debugger toolbar icons and compiler selection dropdown: TDM-GCC 4.9.2 64-bit Release

Project Classes Debug (globals)

hex to dec.cpp deci to hex.cpp dec to oct.cpp oct to dec.cpp bin to decimal.cpp binary addition.cpp binary subtration.cpp

```
25
26
27     if (A < B) {
28         c[len - i - 1] = (A + 2 - B) + '0';
29         borrow = 1;
30     } else {
31         c[len - i - 1] = (A - B) + '0';
32     }
33
34     printf("Subtraction of two binary numbers: %s\n", c);
35 }
36
37 int main() {
38     char a[100], b[100];
39
40     printf("Enter first binary number: ");
41     scanf("%s", a);
42
43     printf("Enter second binary number: ");
44     scanf("%s", b);
45
46     binarySubtraction(a, b);
47
48     return 0;
49 }
```

C:\Users\RAJ\OneDrive\Documents\binary subtration.exe

```
Enter first binary number: 1001
Enter second binary number: 1100
Subtraction of two binary numbers: 1101
```

```
-----
Process exited after 9.737 seconds with return value 0
Press any key to continue . . .
```



C:\Users\RAJI\OneDrive\Documents\adding two integer.cpp [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug

adding two integer.cpp

```
1  #include <stdio.h>
2  int main() {
3
4      int number1, number2, sum;
5
6      printf("Enter two integers: ");
7      scanf("%d %d", &number1, &number2);
8
9
10     sum = number1 + number2;
11
12     printf("%d + %d = %d", number1, number2, sum);
13     return 0;
14 }
```

C:\Users\RAJI\OneDrive\Documents\adding two...

Enter two integers: 5  
6  
5 + 6 = 11  
-----  
Process exited after 6.844 seconds with return value 0  
Press any key to continue . . .