

C:\Users\NAVEEN CHOWDARY\OneDrive\Desktop\c-1.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 32-bit Release

(globals)

Project Class c-1.cpp

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 int main()
4 {
5     int a[10],n,i;
6     printf("Enter the number to convert: ");
7     scanf("%d",&n);
8     for(i=0;n>0;i++)
9     {
10        a[i]=n%2;
11        n=n/2;
12    }
13    printf("\nBinary of Given Number is=");
14    for(i=i-1;i>=0;i--)
15    {
16        printf("%d",a[i]);
17    }
18    return 0;
19 }
20
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler path

Line: 20 Col: 1 Sel: 0 Lines: 20 Length: 336 Insert Done parsing in 0.078 seconds

Errors: 0
Warnings: 0
Output Filename: C:\Users\NAVEEN CHOWDARY\OneDrive\Desktop\c-1.exe
Output Size: 340.265625 KiB
Compilation Time: 0.39s

C:\Users\NAVEEN CHOWDAI

Enter the number to convert: 25

Binary of Given Number is=11001

Process exited after 24.1 seconds with return value 0

Press any key to continue . . .

09:50 19-06-2024

C:\Users\NAVEEN CHOWDARY\OneDrive\Desktop\c-1.cpp - [Executing] - Embarcadero Dev-C++ 6.3.2

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TDM-GCC 9.2.0 32-bit Release

(globals)

Project Class c-1.cpp

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

C:\Users\NAVEEN CHOWDAI

enter the hex decimal number 100
the decimal value is:256

Process exited after 8.044 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler path

Line: 9 Col: 2 Sel: 0 Lines: 9 Length: 155 Insert Done parsing in 0.219 seconds

ENG IN 09:47 19-06-2024

C:\Users\NAVEEN CHOWDARY\OneDrive\Desktop\c-11.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 32-bit Release

(globals)

Project Class c-11.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     printf("enter the decimal number");
6     scanf("%d",&n);
7     printf("the octal value is:%o",n);
8     return 0;
9 }
10
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Shorten compiler path

Line: 10 Col: 1 Sel: 0 Lines: 10 Length: 151 Insert Done parsing in 0.016 seconds

Errors: 0
Warnings: 0
Output Filename: C:\Users\NAVEEN CHOWDARY\OneDrive\Desktop\c-11.exe
Output Size: 324.765625 KiB
Compilation Time: 0.22s

C:\Users\NAVEEN CHOWDAI

enter the decimal number 3881
the octal value is:7451

Process exited after 8.388 seconds with return value 0
Press any key to continue . . .

10:32 19-06-2024

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project C

Untitled1.cpp

fyuf.cpp

```
1 #include <stdio.h>
2 int main()
3 {
4     int num, binary_num, decimal_num = 0, base = 1, rem;
5     printf (" Enter a binary number with the combination of 0s and 1s \n");
6     scanf ("%d", &num);
7     binary_num = num;
8     while ( num > 0)
9     {
10         rem = num % 10;
11         decimal_num = decimal_num + rem * base;
12         num = num / 10;
13         base = base * 2;
14     }
15
16     printf ( " The binary number is %d \t", binary_num);
17     printf (" \n The decimal number is %d \t", decimal_num);
18 }
```

Compiler (1)ResourcesCompile LogDebugFind ResultsConsoleClose

Abort Compilation

☐ Shorten compiler path

- Output Filename: C:\Users\INDU\OneDrive\Documents\fyuf.exe

- Output Size: 353.189453125 KiB

- Compilation Time: 0.33s

C:\Users\INDU\OneDrive\Documents\fyuf.exe

Enter a binary number with the combination of 0s and 1s
1010
The binary number is 1010
The decimal number is 10

Process exited after 11.28 seconds with return value 0
Press any key to continue . . .

1

Search

DEV C++

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21:51
19-06-2024

PRE

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C Untitled6.cpp

```
9 printf("Enter number 2:");
10 scanf("%d", &b);
11 // Execution Stage
12 printf("1-Addition:\n2-Subtraction:\n3-Multiplication:\n4-Division:");
13 scanf("%d", &choice);
14 switch (choice) {
15 case 1:
16 printf("Performing addition\n");
17 res = a + b;
18 break;
19 case 2:
20 printf("Performing subtraction\n");
21 res = a - b;
22 break;
23 case 3:
24 printf("Performing Multiplication\n");
25 res = a * b;
26 break;
27 case 4:
28 printf("Performing Division\n");
29 res = a / b;
30 break;
31 default:
32 printf("Wrong input");
33 return 1;
34 }
35 printf("Result: %d\n", res);
36 printf("Total Cycles: %d\n", fetchCycles + executeCycles);
37 return 0;
38 }
39
```

Select C:\Users\INDU\OneDrive\Documents\Untitled6.exe

```
Enter number 1:5
Enter number 2:4
1-Addition:
2-Subtraction:
3-Multiplication:
4-Division:3
Performing Multiplication
Result: 20
Total Cycles: 2

-----
Process exited after 14.67 seconds with return value 0
Press any key to continue . . .
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
- Output Filename: C:\Users\INDU\OneDrive\Documents\Untitled6.exe
- Output Size: 353.689453125 KiB
- Compilation Time: 0.31s
```

☐ Shorten compiler path

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project C CPU PERFORMANCE.cpp

```
1  #include <stdio.h>
2
3  int main()
4  {
5      float cr;
6      int p,p1,i;
7      float cpu[5];
8      float cpi,ct,max;
9      int n=1000;
10     for(i=0;i<=4;i++)
11     {
12         cpu[i]=0;
13     }
14     printf("\n Enter the number of processors:");
15     scanf("%d",&p);
16     p1=p;
17     for(i=0;i<p;i++)
18     {
19         printf("\n Enter the Cycles per Instrcution of processor:");
20         scanf("%f",&cpi);
21         printf("\n Enter the clockrate in GHz:");
22         scanf("%f",&cr);
23         ct=1000*cpi/cr;
24         printf("The CPU time is: %f",ct);
25         cpu[i]=ct;
26     }
27     max=cpu[0];
28     for(i=0;i<p1;i++)
29     {
30         if(cpu[i]<=max)
31             max=cpu[i];
```

C:\Users\INDU\OneDrive\Documents\CPU PERFORMANCE.exe

Enter the number of processors: 5

Enter the Cycles per Instrcution of processor:1.5

Enter the clockrate in GHz:3

The CPU time is: 500.000000

Enter the Cycles per Instrcution of processor:

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

Output Filename: C:\Users\INDU\OneDrive\Documents\CPU PERFORMANCE.exe
Output Size: 353.5400390625 KiB
Compilation Time: 0.55s

Shorten compiler path

Mail