File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   [*] HF.cpp

```c
1    #NAME:S.SOUMIL RAO
2    #REG NO : 192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        int dec, binary = 0, base = 1, rem;
10
11       printf("Enter a decimal number: ");
12       scanf("%d", &dec);
13
14       while(dec > 0) {
15           rem = dec % 2;
16           binary += rem * base;
17           base *= 10;
18           dec /= 2;
19       }
20
21       printf("Binary number: %d", binary);
22
23       return 0;
24   }
25
```

C:\Users\MANOJ\OneDrive\D

```
Enter a decimal number: 112
Binary number: 1110000
------------------------------------
Process exited after 13.32 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\MANOJ\OneDrive\Documents\HF.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.31s
```

Scanned with OKEN Scanner

```c
#NAME:S,SOUMIL RAO
#REG NO:192210305

#include <stdio.h>

int main() {
    int amount, notes, denomination;

    printf("Enter amount: ");
    scanf("%d", &amount);

    printf("Total number of notes:\n");

    denomination = 500;
    notes = amount / denomination;
    printf("%d: %d\n", denomination, notes);
    amount -= notes * denomination;

    denomination = 100;
    notes = amount / denomination;
    printf("%d: %d\n", denomination, notes);
    amount -= notes * denomination;

    denomination = 50;
    notes = amount / denomination;
    printf("%d: %d\n", denomination, notes);
    amount -= notes * denomination;

    denomination = 20;
    notes = amount / denomination;
    printf("%d: %d\n", denomination, notes);
```

Console output:

```
Enter amount: 575
Total number of notes:
500: 1
100: 0
50: 1
20: 1
10: 0
5: 1
2: 0
1: 0

------------------------------------
Process exited after 13.76 seconds with return value 0
Press any key to continue . . .
```

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug

[*] HH.cpp

```c
1    #NAME:S.SOUMIL RAO
2    #REG NO:192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        int num, rev = 0, digit;
10
11       printf("Enter a number: ");
12       scanf("%d", &num);
13
14       for(; num != 0; num /= 10) {
15           digit = num % 10;
16           rev = rev * 10 + digit;
17       }
18
19       printf("Reverse of %d = %d", num, rev);
20
21       return 0;
22   }
23
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\MANOJ\OneDrive\Documents\HH.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.31s
```

Terminal output:

```
Enter a number: 12345
Reverse of 0 = 54321

----------------------------------

Process exited after 8.021 seconds with return value 0
Press any key to continue . . .
```

Scanned with OKEN Scanner

```c
#NAME:S.SOUMIL RAO
#REG NO : 192210305




#include <stdio.h>

int main() {
    char ch;

    printf("Enter a character: ");
    scanf("%c", &ch);

    if(ch >= 'a' && ch <= 'z') {
        printf("'%c' is a lowercase alphabet", ch);
    }
    else if(ch >= 'A' && ch <= 'Z') {
        printf("'%c' is an uppercase alphabet", ch);
    }
    else {
        printf("'%c' is not an alphabet", ch);
    }

    return 0;
}
```

```
Enter a character: C
'C' is an uppercase alphabet
---------------------------------
Process exited after 5.22 seconds with return value 0
Press any key to continue . . .
```

C:\Users\MANOJ\OneDrive\Documents\ddd.cpp - [Executing] - Dev-C++ 5.11

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   [*] ddd.cpp

```
1    #NAME:S.SOUMIL RAO
2    #REG NO : 192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        int num, sum = 0, digit;
10
11       printf("Enter a number: ");
12       scanf("%d", &num);
13
14       for(; num != 0; num /= 10) {
15           digit = num % 10;
16           sum += digit;
17       }
18
19       printf("Sum of digits: %d", sum);
20
21       return 0;
22   }
23
```

Terminal output:

```
Enter a number: 1234
Sum of digits: 10
------------------------------------
Process exited after 3.894 seconds with retu
rn 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\MANOJ\OneDrive\Documents\ddd.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.30s

C:\Users\MANOJ\OneDrive\Documents\ddd.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug   [*] ddd.cpp

```
1    #NAME:S.SOUMIL RAO
2    #REG NO:192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        char ch;
10
11       printf("Enter a character: ");
12       scanf("%c", &ch);
13
14       if((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z')) {
15           printf("'%c' is an alphabet", ch);
16       }
17       else {
18           printf("'%c' is not an alphabet", ch);
19       }
20
21       return 0;
22   }
23
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\MANOJ\OneDrive\Documents\ddd.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.27s
```

C:\Users\MANOJ\OneDrive\D

```
er a character: a
is an alphabet
--------------------------------
cess exited after 2.935 seconds with return value 0
ss any key to continue . . .
```

```
C:\Users\MANOJ\OneDrive\Documents\ddd.cpp - [Executing] - Dev-C++ 5.11

File  Edit  Search  View  Project  Execute  Tools  AStyle  Window  Help

(globals)

[*] ddd.cpp
    1    #name:S.SOUMIL RAO
    2    #REG NO:192210305
    3
    4
    5
    6
    7    #include <stdio.h>
    8    #include <string.h>
    9
   10    int main() {
   11        char str[100];
   12        int i, vowels = 0;
   13
   14        printf("Enter a string: ");
   15        fgets(str, sizeof(str), stdin);
   16
   17        for(i = 0; str[i] != '\0'; i++) {
   18            if(str[i] == 'a' || str[i] == 'e' || str[i] == 'i' || str[i] == 'o' || str[i] == 'u' ||
   19               str[i] == 'A' || str[i] == 'E' || str[i] == 'I' || str[i] == 'O' || str[i] == 'U') {
   20                vowels++;
   21            }
   22        }
   23
   24        printf("Number of vowels in '%s' = %d", str, vowels);
   25
   26        return 0;
   27    }
   28
```

```
Compiler  Resources  Compile Log  Debug  Find Results  Close

Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\MANOJ\OneDrive\Documents\ddd.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.28s
```

```
C:\Users\MANOJ\OneDrive\D

Enter a string: CHENNAI
Number of vowels in 'CHENNAI
' = 3
------------------------------------

Process exited after 28.08 seconds with return value 0
Press any key to continue . . .
```

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

[*] raju.cpp

```
1    #NAME:S,SOUMIL RAO
2    #REG NO:192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        int num;
10
11       printf("Enter a number: ");
12       scanf("%d", &num);
13
14       if(num % 5 == 0 && num % 11 == 0) {
15           printf("Number is divisible by 5 and 11");
16       }
17       else {
18           printf("Number is not divisible by 5 and 11");
19       }
20
21       return 0;
22   }
23
```

C:\Users\MANOJ\OneDrive\D

```
Enter a number: 55
Number is divisible by 5 and 11
--------------------------------
Process exited after 5.476 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Scanned with OKEN Scanner

Terminal output:

```
enter any number to check it's sign :'23
23 is positive
------------------------------------
Process exited after 5.092 seconds with return value 0
Press any key to continue . . .
```

Code editor:

```c
#NAME:S.SOUMIL RAO
#REG N0:192210305



#include<stdio.h>;
int main()
{
    int a;
    printf(" enter any number to check it's sign :");
    scanf("%d",&a);
    if(a<0)
    {
        printf("%d is negative",a);
    }
    else if(a>0)
    {
    printf("%d is positive",a);
    }
    else
    {
    printf("%d is zero",a);
    }
    return 0;

}
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   [*] ddd.cpp

```
1    #NAME:S.SOUMIL RAO
2    #REG NO :192210305
3
4
5
6    #include <stdio.h>
7
8    int main() {
9        int num, count = 0;
10
11       printf("Enter a number: ");
12       scanf("%d", &num);
13
14       while(num != 0) {
15           count++;
16           num /= 10;
17       }
18
19       printf("Number of digits: %d", count);
20
21       return 0;
22   }
23
```

Terminal output:

```
C:\Users\MANOJ\OneDrive\D

Enter a number: 35419
Number of digits: 5
---------------------------------------
Process exited after 5.866 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\MANOJ\OneDrive\Documents\ddd.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.33s

☐ Shorten compiler paths

ne: 2   Col: 19   Sel: 0   Lines: 23   Length: 320   Insert   Done parsing in 0.015 seconds

28°C
Mostly cloudy

Search

ENG
IN

05:32
29-03-2023