

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:K.SUDHEER REDDY
2 #REG NO : 192210249
3
4
5
6
7 #include <stdio.h>
8
9 int main() {
10     char ch;
11
12     printf("Enter a character: ");
13     scanf("%c", &ch);
14
15     if(ch >= 'a' && ch <= 'z') {
16         printf("%c is a lowercase alphabet", ch);
17     }
18     else if(ch >= 'A' && ch <= 'Z') {
19         printf("%c is an uppercase alphabet", ch);
20     }
21     else {
22         printf("%c is not an alphabet", ch);
23     }
24
25     return 0;
26 }
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: 128.6015625 KiB
- Compilation Time: 0.27s

Shorten compiler paths

Line: 2 Col: 20 Sel: 0 Line: 28 Length: 462 Insert Done parsing in 0.015 seconds

C:\Users\MANOJ\OneDrive\Documents\ddd.exe

Enter a character: C

'C' is an uppercase alphabet

Process exited after 5.22 seconds with return value 0

Press any key to continue . . .



```

1  #NAME:K.SUDHEER REDDY
2  #REG NO : 192210249
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

```

Compiler
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Abort Compilation

Compilation results...

```

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

```

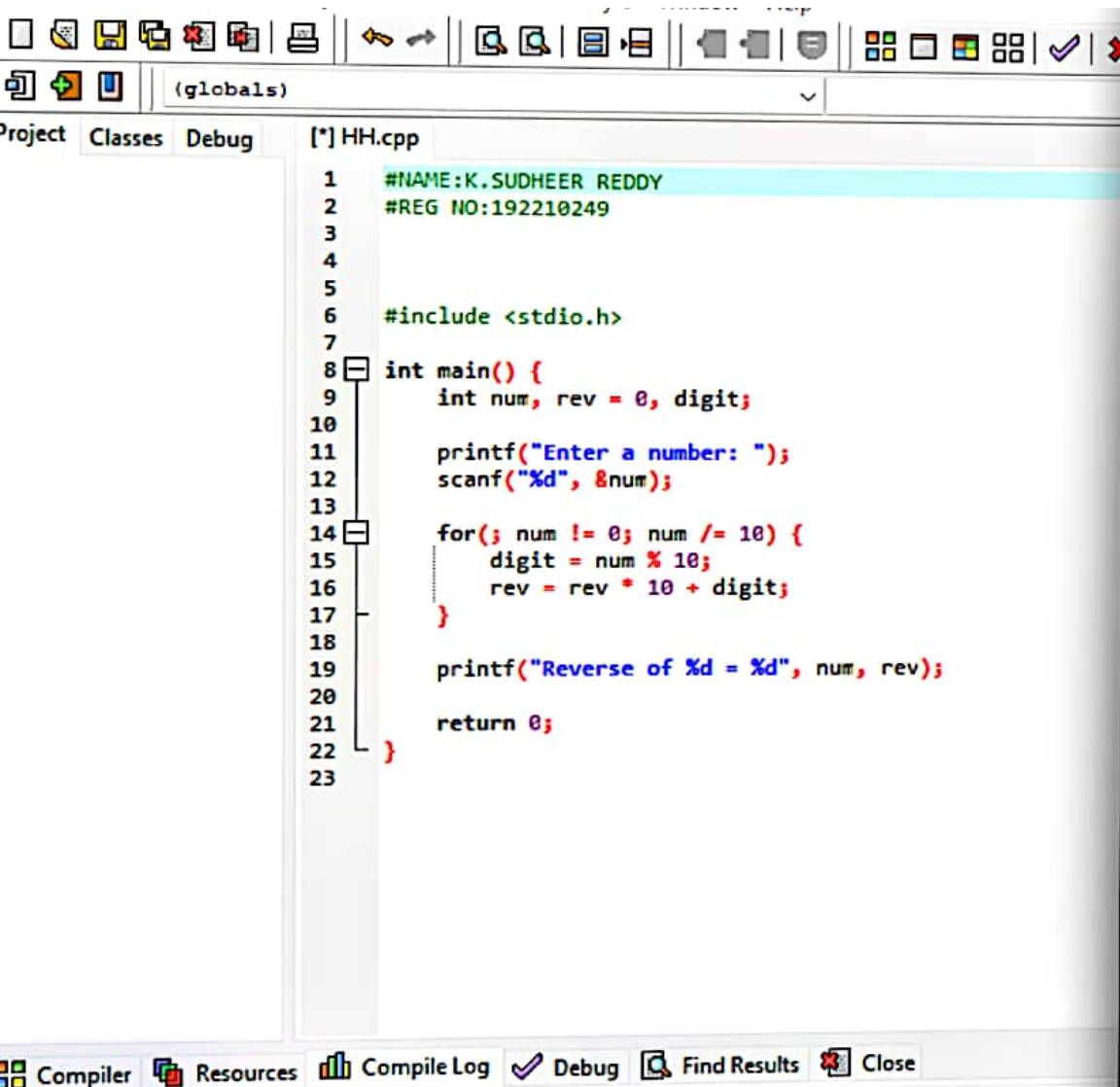
☐ Shorten compiler paths

```

C:\Users\MANOJ\OneDrive\D  x  +  v
Enter a decimal number: 112
Binary number: 1110000
-----
Process exited after 13.32 seconds with return value 0
Press any key to continue . . . |

```

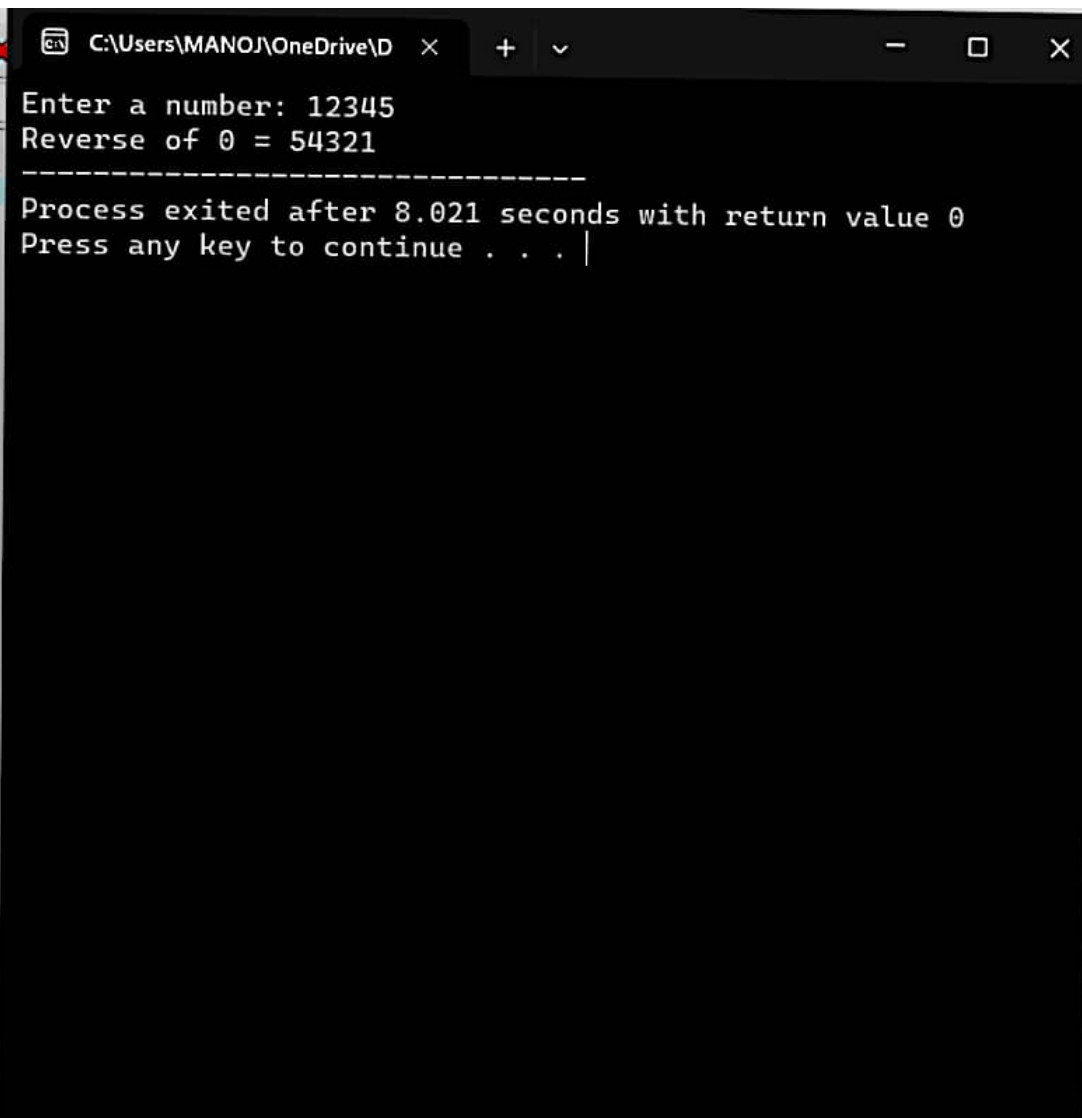




The image shows a C++ IDE with a project named "HH.cpp". The code is as follows:

```
1  #NAME:K.SUDHEER REDDY
2  #REG NO:192210249
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  }
```

The IDE interface includes a toolbar at the top, a "Project" tab, and a "Debug" tab. The bottom status bar shows "Compiler", "Resources", "Compile Log", "Debug", "Find Results", and "Close".



The image shows a terminal window with the following output:

```
C:\Users\MANOJ\OneDrive\D x + v
Enter a number: 12345
Reverse of 0 = 54321
-----
Process exited after 8.021 seconds with return value 0
Press any key to continue . . .
```

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

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug [*] ddd.cpp

```
1 #NAME:K.SUDHEER REDDY
2 #REG NO :192210249
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
```

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
```

```
C:\Users\MANOJ\OneDrive\Documents\ddd.exe
Enter a number: 35419
Number of digits: 5
-----
Process exited after 5.866 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:K.SUDHEER REDDY
2  #REG NO : 192210249
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
```

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: 0.30s

C:\Users\MANOJ\One

Enter a number: 1234

Sum of digits: 10

Process exited after 3.894 seconds with return value 0

Press any key to continue . . .





[*] ddd.cpp

```
1  #NAME:K.SUDHEER REDDY
2  #REG NO:192210249
3
4
5  #include <stdio.h>
6
7  int main() {
8      int amount, notes, denomination;
9
10     printf("Enter amount: ");
11     scanf("%d", &amount);
12
13     printf("Total number of notes:\n");
14
15     denomination = 500;
16     notes = amount / denomination;
17     printf("%d: %d\n", denomination, notes);
18     amount -= notes * denomination;
19
20     denomination = 100;
21     notes = amount / denomination;
22     printf("%d: %d\n", denomination, notes);
23     amount -= notes * denomination;
24
25     denomination = 50;
26     notes = amount / denomination;
27     printf("%d: %d\n", denomination, notes);
28     amount -= notes * denomination;
29
30     denomination = 20;
31     notes = amount / denomination;
32     printf("%d: %d\n", denomination, notes);
```

es Compile Log Debug Find Results Close

Compiling single file...

- Filename: C:\Users\MANOJ\OneDrive\Documents\ddd.cpp
- Compiler Name: TDM-GCC 4.9.2 64-bit Release

Processing C++ source file...

C:\Program Files (x86)\Dev-Cpp\MinGW64\bin\g++.exe

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:K.SUDHEER REDDY
2 #REG NO:192210249
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

Shorten compiler paths

Done parsing in 0.079 seconds

C:\Users\MANOJ\OneDrive\Documents\ddd.exe

```
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 . . .
```

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

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:K.SUDHEER REDDY
2  #REG NO:192210249
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
```

Compiler Resources Compile Log Debug Find Results Close

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 . . .




```
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug [*] raju.cpp
1  #NAME:K.SUDHEER REDDY
2  #REG NO:192210249
3
4
5
6
7  #include<stdio.h>;
8  int main()
9  {
10     int a;
11     printf(" enter any number to check it's sign :");
12     scanf("%d",&a);
13     if(a<0)
14     {
15         printf("%d is negative",a);
16     }
17     else if(a>0)
18     {
19         printf("%d is positive",a);
20     }
21     else
22     {
23         printf("%d is zero",a);
24     }
25     return 0;
26 }
27
```

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



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:K.SUDHEER REDDY
2 #REG NO:192210249
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

Compilation results...

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

Shorten compiler paths

C:\Users\MANOJ\OneDrive\Documents\ddd.exe

Enter a character: a

a is an alphabet

Process exited after 2.935 seconds with return value 0

Press any key to continue . . .

