```
☐ C:\Users\BHALE\OneDrive\Do × + ∨
Enter a number: 23
23 is positive
a 4 I
                   (globals)
Project Classes Debug positive or negative.c
                   1 #include <stdio.h>
                                                                                  Process exited after 15.01 seconds with return value 0
Press any key to continue . . . |
                   3 □ int main() {
                           int num;
                           printf("Enter a number: ");
                           scanf("%d", &num);
                          if (num > 0) {
    printf("%d is positive\n", num);
}
                  10
                           else if (num < 0) {
                  12日
                           printf("%d is negative\n", num);
}
                  13
                  14
                           printf("The number is zero\n");
}
                  15 E
                  17
18
                  19 return 0;
Compiler Resources Compile Log Debug A Find Results Close
                Compilation results...
- Errors: 0

Shorten compiler paths - Output Filename: C:\Users\BHALE\OneDrive\Documents\positive or negative.exe - Output Size: 128.78286078 %18

Compiletion Time: 1.728
Line: 20 Col: 2 Sel: 0 Lines: 20 Length: 346 Insert Done parsing in 0.125 seconds
                                                                                                  ☐ C:\Users\BHALE\OneDrive\Do × + ~
Enter a number: 55
Number is divisible by 5 and 11
 a
Project Classes Debug positive or negative.c 5 or 11 divisible.c
                    1 #include <stdio.h>
                                                                                                  Process exited after 8.635 seconds with return value
                    3 pint main() {
                                                                                                  Press any key to continue . . .
                             int num;
                            printf("Enter a number: ");
scanf("%d", &num);
                    6
                    8
                            if (num % 5 == 0 && num % 11 == 0) {
    printf("Number is divisible by 5 and 11\n");
                    9 🗄
                   10
                   11
                   12
                            printf("Number is not divisible by 5 and 11\n");
}
                             else {
                   13
14
15
                   16
                            return 0;
Compiler 🖷 Resources 🛍 Compile Log 🤣 Debug 🗓 Find Results 🖏 Close
  Abort Compilation | Compilation results...
- Errors: 0
File Edit Search View Project Execute Tools AStyle Window Help

☐ C:\Users\BHALE\OneDrive\Do × + ∨
 a a
                                                                                          Enter a character: b
'b' is an alphabet
Project Classes Debug
                   1 #include <stdio.h>
                                                                                          Process exited after 9.611 seconds with return value 0
Press any key to continue . . . |
                   3 p int main() {
                           char ch;
                   5
                          printf("Enter a character: ");
                           scanf("%c", &ch);
                          if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <
    printf("'%c' is an alphabet\n", ch);</pre>
                   9 🖨
                  10
                  11
12 🖯
                           printf("'%c' is not an alphabet\n", ch);
}
                  13
                  14
                  15
                  16
                           return 0;
Abort Compilation | Compilation results...
Shorten compiler paths
Shorten compiler paths
Output Filename: C:\Users\BHALE\OneDrive\Documents\alphabet or not.exe
Output Size: 128.6015625 KiB
Compilation Time: 0.205
```

```
C:\Users\BHALE\OneDrive\Do
File Edit Search View Project Execute Tools AStyle Window Help
File Est Seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget Execute loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virgour nep

Seatch and the seatch view virget loos Asyre virget lo
                                                                                                                                                                                                                                                                        Enter a string: chennai
The number of vowels in the string is 3
   a a
                                                           (globals)
  Project Classes Debug positive or negative.c 5 or 11 divisible.c alphabet or not.c
                                                                                                                                                                                                                                                                       Process exited after 4.579 seconds with return value 0 Press any key to continue . . . \mid
                                                       1 #include <stdio.h>
2 #include <string.h>
                                                       4 int main() (
5 char str[100];
6 int i, len, count = 0;
                                                                                printf("Enter a string: ");
fgets(str, 100, stdin);
                                                      10
                                                     11
12
                                                                                len = strlen(str);
                                                                                for (i = 0; i < len; i++) {
    if (str[i] == 'a' || str[i] == 'e' || str[i] ==
        str[i] == 'A' || str[i] == 'E' || str[i] ==
                                                     13 p
                                                     15 E
                                                                                                           count++;
                                                     17
18
                                                    19
20
                                                                                nrintf("The number of vowels in the string is %d\n"
Compiler n Resources Compile Log Debug  Find Results  Close
                                                Compilation results...
                        - Errors: 0
- Warnings: 0
 File Edit Search View Project Execute loois AbSyle Window Help

| Column | 
                                                                                                                                                                                                                                                                ☑ C:\Users\BHALE\OneDrive\Do × + ∨
   4 4 I
                                                           (globals)
                                                                                                                                                                                                                                                                Enter a character: C
'C' is an uppercase alphabet
                                                     positive or negative.c 5 or 11 divisible.c alphabet or not.c countnoofvowelsinastring.c upperco
  Project Classes Debug
                                                          3 p int main() {
                                                                                                                                                                                                                                                               Process exited after 8.352 seconds with return value \theta Press any key to continue . . . \mid
                                                                                 char ch:
                                                                                 printf("Enter a character: ");
scanf("%c", &ch);
                                                        6
                                                         8
                                                                              if (ch >= 'a' && ch <= 'z') {
   printf("'%c' is a lowercase alphabet\n", ch)</pre>
                                                         9 🖨
                                                      10
                                                      11
                                                                                   else if (ch >= 'A' && ch <= 'Z') {
    printf("'%c' is an uppercase alphabet\n", ch
                                                      12 |
                                                      14
15 🖨
                                                                                  printf("'%c' is not an alphabet\n", ch);
}
                                                     16
                                                      19
                                                                                   return 0:
                                                      20
and Compiler and Resources and Compile Log ✓ Debug 🖟 Find Results 🕸 Close
    Abort Compilation Compilation results...
 - Errors: 0
Tue You Kenter Tiess Finler effects
                                                                  Enter the amount: 575
Total number of notes:
  ብ 🗗 🔳
                                                          (globals)
                                                                               Project Classes Debug
                                                      positive or negative.c 5 or 11 divisible.c alphabet or not.c countnoofvowelsinastring.c uppercaseorlowercase.c
                                                       3 □ int main() [
                                                                                printf("Enter the amount: ");
scanf("%d", &amount);
                                                     10 =
                                                                                 for(i=0; i<8; i++) {
                                                                                                                                                                                                                                                                      Process exited after 3.834 seconds with return value 0 Press any key to continue . . .
                                                                                 notes[i] = amount / denominations[i];
amount %= denominations[i];
                                                     12
13
                                                     14
15
                                                                                  printf("Total number of notes:\n");
                                                                                  for(i=0; i<8; i++) {
   printf("%d: %d\n", denominations[i], notes[i]);
}</pre>
                                                     16 <del>|</del> 17
                                                      19
                                                                                  return 0;
                                                    21
Compiler Resources Compile Log Debug  Find Results  Close
                                             Compilation results...
```

```
File Edit Search View Project Execute Jools AStyle Window Help
                      *
 a 4 I
                      (globals)
                                                                            Enter a number: 35411
Number of digits: 5
 Project Classes Debug positive or negative.c 5 or 11 divisible.c alphabet or not.c countnoofvowelsin
                                                                           Process exited after 10.8 seconds with return value \theta Press any key to continue . . .
                     1 #include <stdio.h>
                     3 ☐ int main() {
4 int num, count = 0;
                     5
                               printf("Enter a number: ");
                     7
                               scanf("%d", &num);
                               while (num != 0) {
                    10
                                    num = num / 10;
                                    count++:
                    11
                    12
                    13
                               printf("Number of digits: %d", co
                    14
                    15
                               return 0;
                    17
Compiler 🖷 Resources 🛍 Compile Log 🥪 Debug 🔼 Find Results 💐 Close
  Abort Compilation | Compilation results...
           - Errors: 0
- Warnings: 0
C:\Users\BHALE\OneDrive\Do × + ~
 a 🖢
                                                                                   Enter a number: 1234
Sum of digits: 10
                   1 #include <stdio.h>
                                                                                    Process exited after 6.584 seconds with return value 0
Press any key to continue . . . |
                   3 int main() { int number, digit, sum = 0;
                           printf("Enter a number: ");
scanf("%d", &number);
                           while(number > 0) {
   digit = number % 10;
   sum += digit;
   number /= 10;
                  9 =
                  11
12
                  13
                  14
15
                           printf("Sum of digits: %d", sum);
                  16
17
                            return 0;
Compiler a Resources Compile Log Debug 🖟 Find Results 🗿 Close
 Abort Compilation | Compilation results...
- Errors: 0
- Warnings: 0
- Warnings: 0
- Output Filename: C:\Users\BHALE\OneDrive\Documents\sumofdigits.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.25s
File Edit Search View Project Execute Jools AStyle Window Help
 a
                                                                          1 #include <stdio.h>
                     3 pint main() {
                                                                        Process exited after 10.54 seconds with return value 0
Press any key to continue . . .
                             int number, digit, reverse = 0;
                             printf("Enter a number: ");
scanf("%d", &number);
                    6
                    8
9⊟
                             while(number > 0) {
   digit = number % 10;
   reverse = (reverse * 10) + dig
   number /= 10;
                   10
                   11
                   12
                   13
14
                   15
                             printf("Reverse of %d = %d", numbe
                   16
                              return 0;
                   18
Compiler has Resources Compile Log Debug  Find Results  Close
 Abort Compilation Compilation results...
- Errors: 0
- Warnings: 0
- Warnings: C:\Users\BHALE\OneDrive\Documents\rnum.
- Output Size: 128.1015625 KiB
```

```
Enter a decimal number: 112
Binary number: 1110000
a a b
                    (globals)
Project Classes Debug binarytodecimal.cpp
                   1 #include <stdio.h>
                                                                                  Process exited after 12.73 seconds with return value 0 Press any key to continue . . . |
                   3 int main() {
4 int decimal, binary = 0, base = 1, rem;
                             printf("Enter a decimal number: ");
scanf("%d", &decimal);
                    6
7
8
                    9
                             // convert decimal to binary
                             while(decimal > 0) {
   rem = decimal % 2;
   binary += rem * base;
   decimal /= 2;
   base *= 10;
                   10 🖨
                   11
                   12
13
14
15
                   16
                             printf("Binary number: %07d", binary); /
                   17
                   18
                             return 0;
                   19
Compiler • Resources Compile Log Debug 🖟 Find Results 🛍 Close
                Compilation results...
  Abort Compilation
Abort Compilation - Errors: 0 - Warnings: 0
```