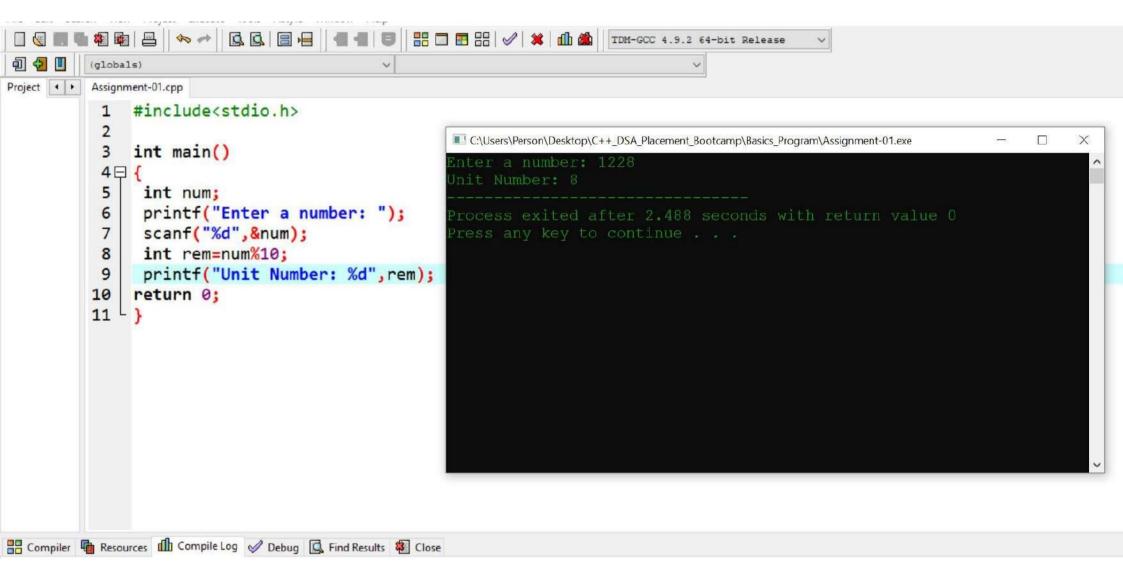
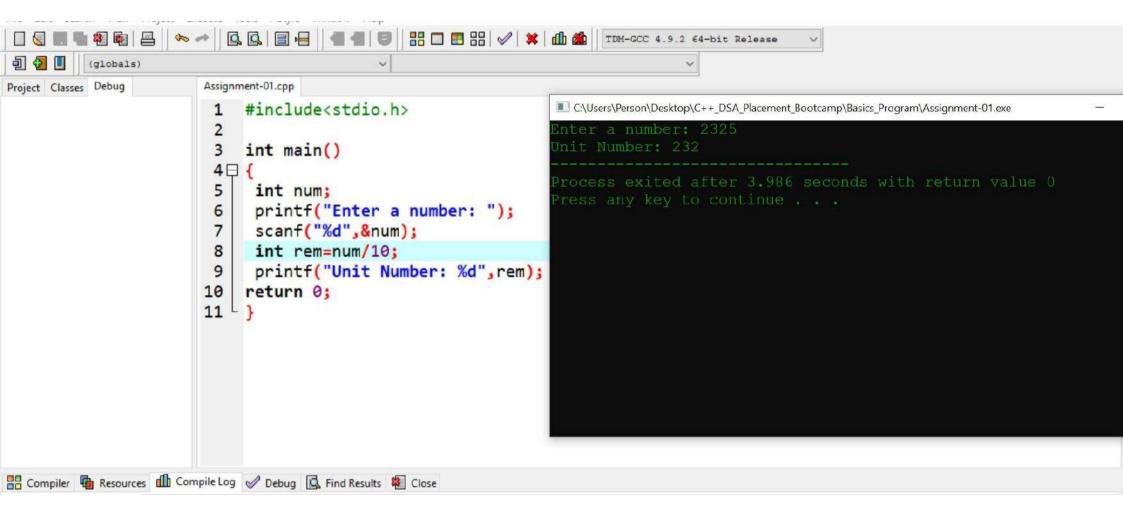
1. Write a program to print unit digit of a given number



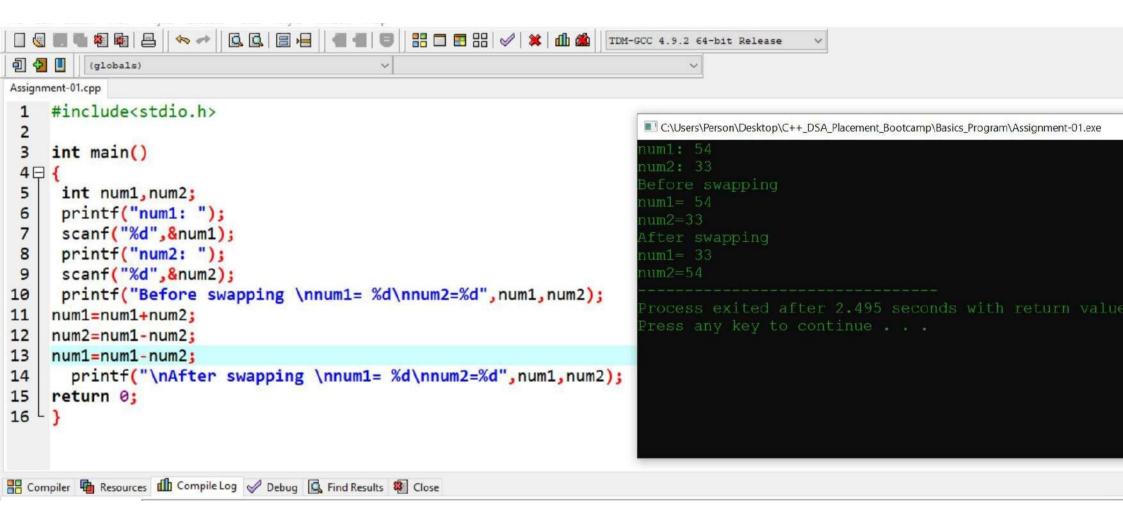
2. Write a program to print a given number without its last digit.



3. Write a program to swap values of two int variables

```
TDM-GCC 4.9.2 64-bit Release
        (globals)
Assignment-01.cpp
    #include<stdio.h>
    int main()
 4 ₽ {
 5
     int num1, num2, temp;
                                                                    C:\Users\Person\Desktop\C++ DSA Placement Bootcamp\Basics Program\Assig...
     printf("num1: ");
 6
     scanf("%d",&num1);
     printf("num2: ");
 8
     scanf("%d",&num2);
     printf("Before swapping \nnum1= %d\nnum2=%d",num1,num2);
10
11
     temp=num1;
12
     num1=num2;
13
     num2=temp;
      printf("\nAfter swapping \nnum1= %d\nnum2=%d",num1,num2);
14
    return 0;
                                                                   Press any key to continue . . .
Compiler Resources (1) Compile Log Debug  Find Results
```

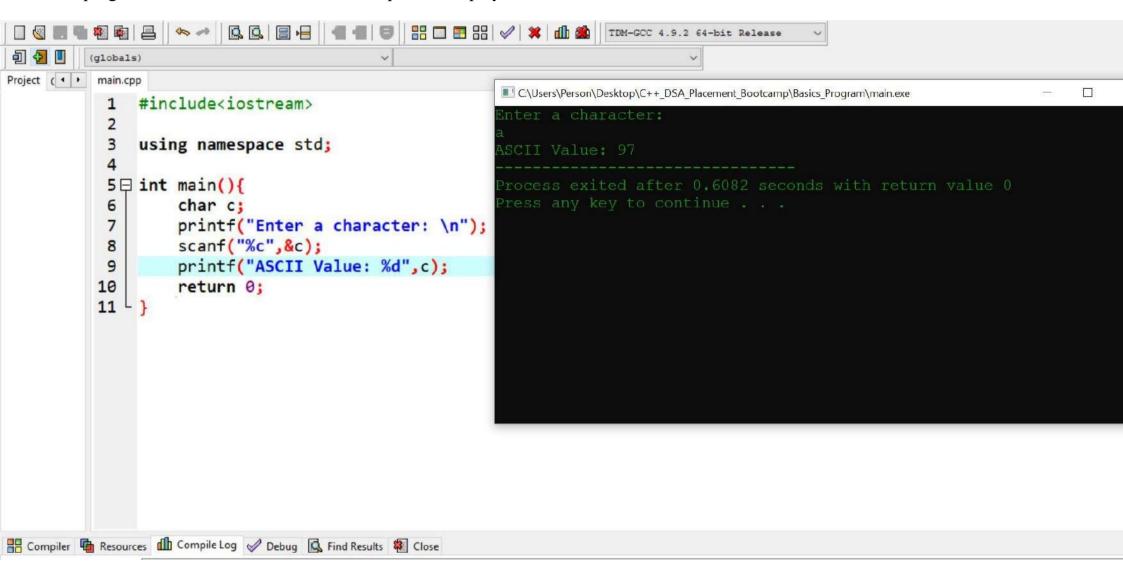
4. Write a program to swap values of two int variables without using a third variable.



5. Write a program to input a three-digit number and display the sum of the digits.

```
TDM-GCC 4.9.2 64-bit Release
         (globals)
Project ( + +
         main.cpp
              #include<iostream>
                                                                       ■ C:\Users\Person\Desktop\C++ DSA Placement Bootcamp\Basics Program\main.exe
           2
              using namespace std;
                                                                       Sum of three-digit number: 27
           5 ☐ int main(){
                  int num;
                  printf("Enter a three digit number:\n");
           7
                                                                       Process exited after 3.01 seconds with return value
                  scanf("%d",&num);
           8
                                                                       Press any key to continue . . .
           9
                  int a,b,c,d;
          10
                  a=num%10;
          11
                  b=num/10;
         12
                  c=b%10;
         13
                  d=b/10;
                  printf("Sum of three-digit number: %d\n",a+c+d);
         14
         15
                  return 0;
         16 - }
Compiler Resources Compile Log Debug 🕟 Find Results 🍇 Close
```

6. Write a program which takes a character as an input and displays its ASCII code.

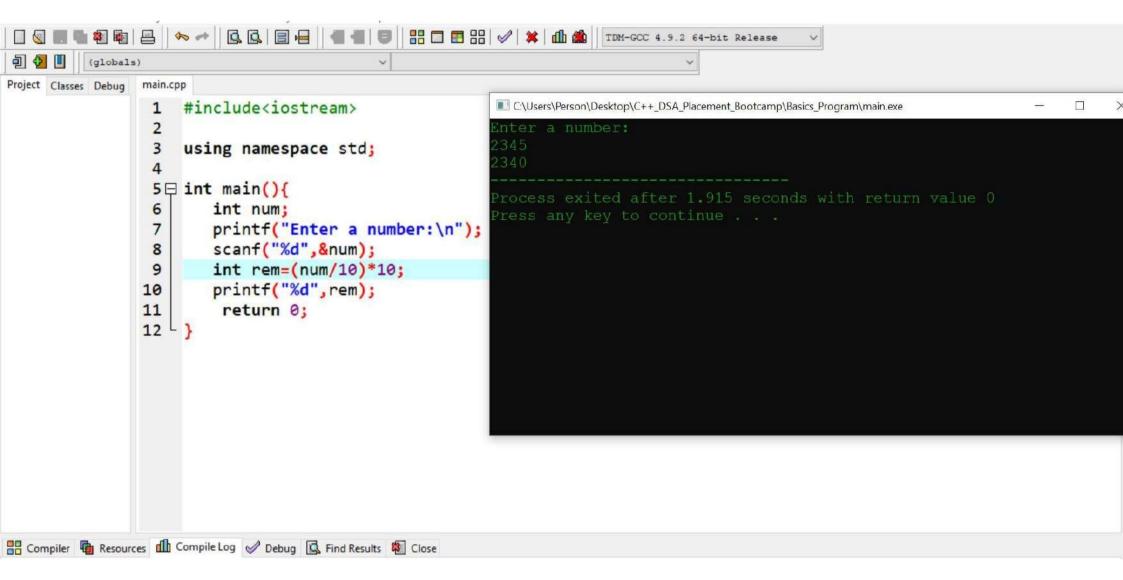


9. Write a program to print size of an int, a float, a char and a double type variable

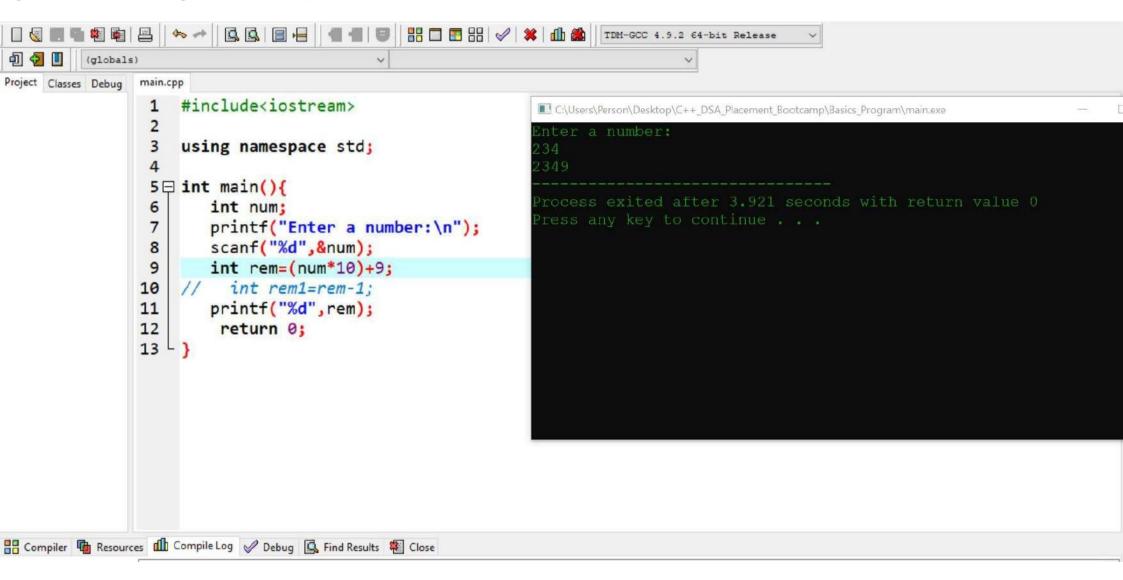
```
(globals)
Project Classes Debug
              main.cpp
                                                                      C:\Users\Person\Desktop\C++ DSA Placement Bootcamp\Basics Program\main.exe
                  #include<iostream>
               1
               2
                   using namespace std;
               5 ☐ int main(){
                       int num;
                       float real;
               8
                       char c;
                       double d;
              10
                       printf("Size of int %d:\n", sizeof(num));
                       printf("Size of float %d:\n", sizeof(real));
              11
                       printf("Size of char :%d\n", sizeof(c));
              12
              13
                       printf("Size of double :%d\n", sizeof(d));
              14
                       return 0;
              15 L }
Compiler Resources Compile Log Debug  Find Results  Close
```

10. Write a program to make the last digit of a number stored in a variable as zero.

(Example - if x=2345 then make it x=2340)



11. Write a program to input a number from the user and also input a digit. Append a digit in the number and print the resulting number. (Example - number=234 and digit=9 then the resulting number is 2349)



12. Assume price of 1 USD is INR 76.23. Write a program to take the amount in INR and convert it into USD.

