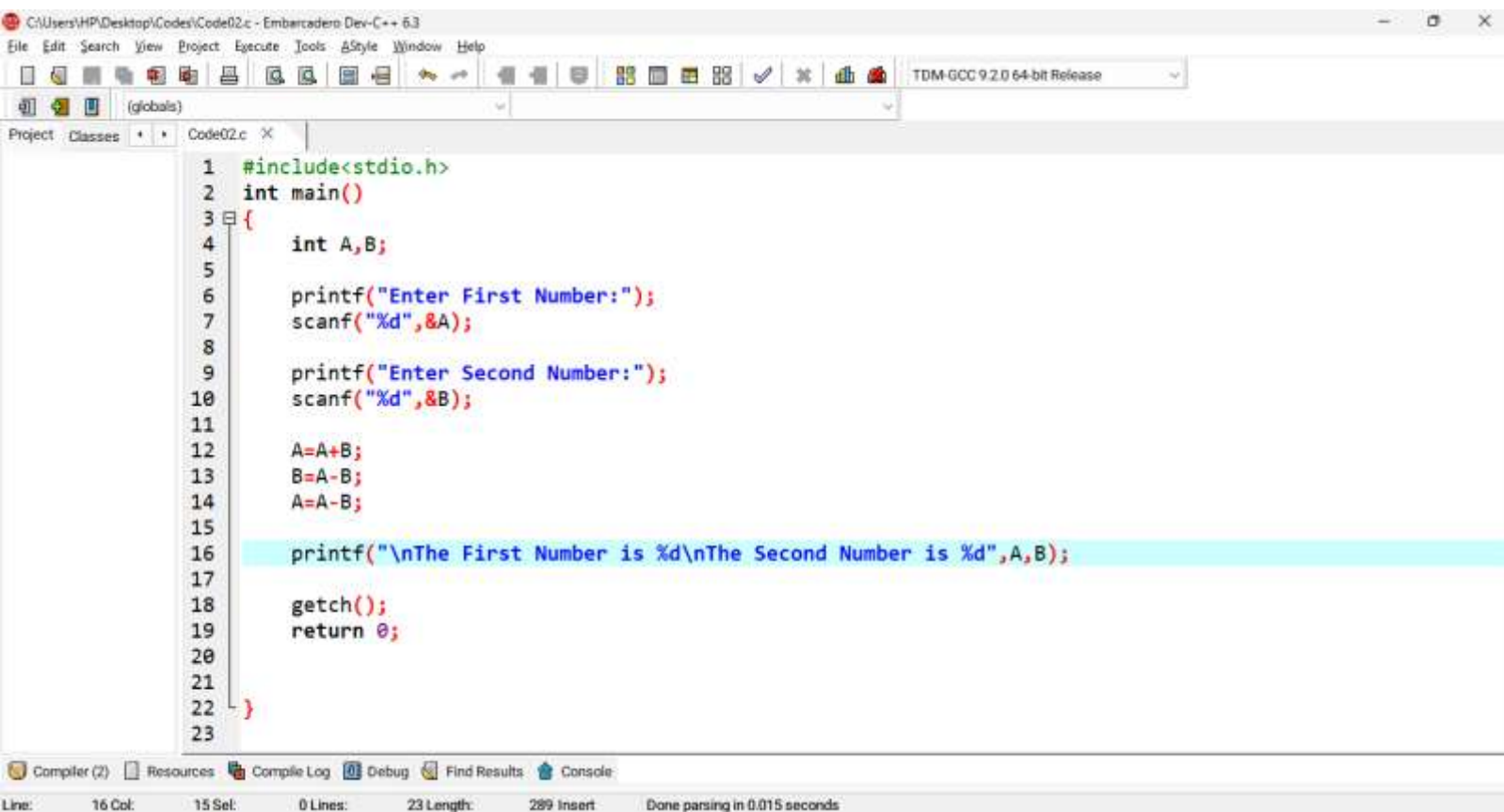


NAME: AREEFA SAMAR
ROLL NO: CT-062
CLASS: BCIT
SECTION: B

Question 01: Swap 2 integer variables without using a third variable.

SOURCE CODE:

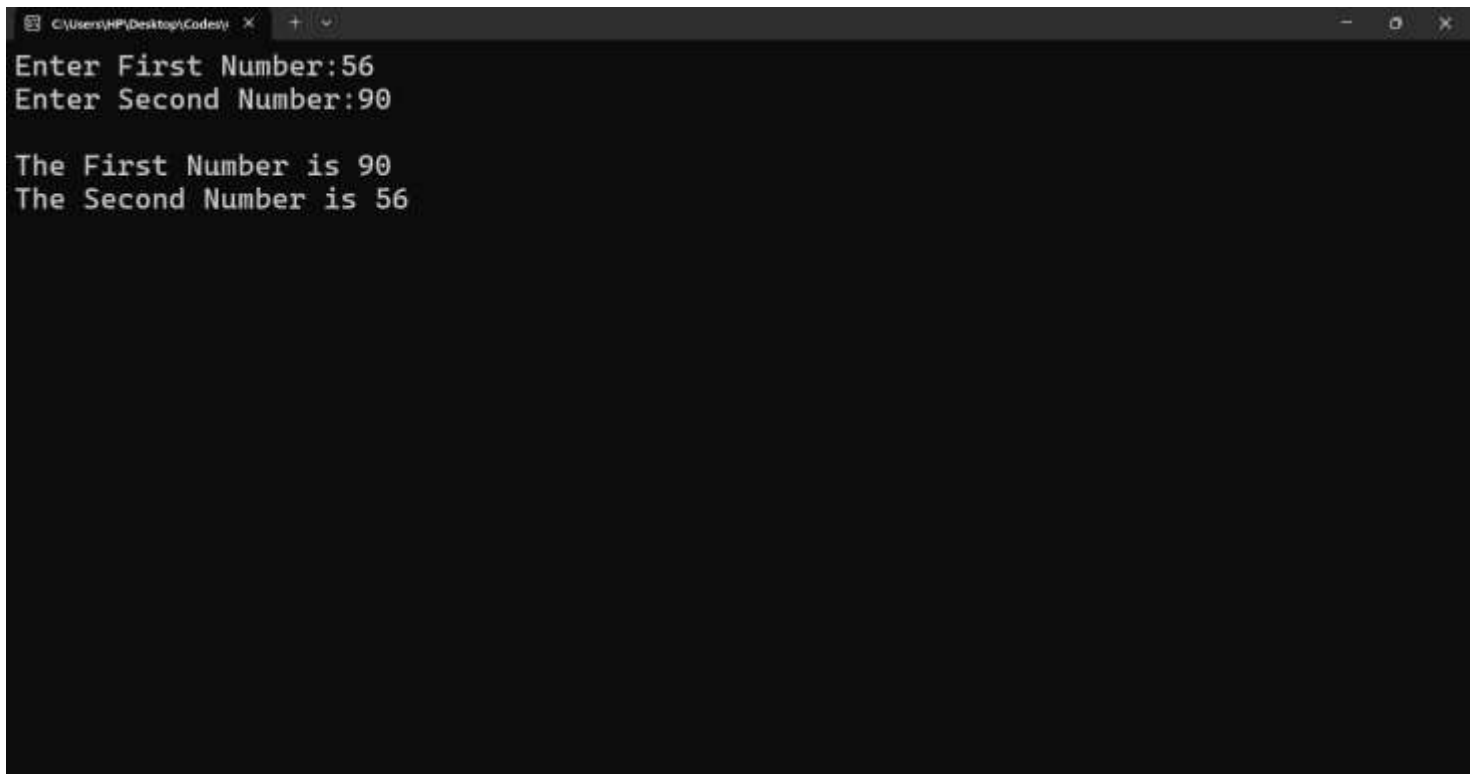


```
1  #include<stdio.h>
2  int main()
3  {
4      int A,B;
5
6      printf("Enter First Number:");
7      scanf("%d",&A);
8
9      printf("Enter Second Number:");
10     scanf("%d",&B);
11
12     A=A+B;
13     B=A-B;
14     A=A-B;
15
16     printf("\nThe First Number is %d\nThe Second Number is %d",A,B);
17
18     getch();
19     return 0;
20
21
22 }
23
```

Compiler (2) Resources Compile Log Debug Find Results Console

Line: 16 Col: 15 Sel: 0 Lines: 23 Length: 289 Insert Done parsing in 0.015 seconds

OUTPUT:



```
C:\Users\HP\Desktop\Codes> Enter First Number:56
Enter Second Number:90

The First Number is 90
The Second Number is 56
```

The screenshot shows a Windows command prompt window with a dark background. The title bar at the top indicates the file path 'C:\Users\HP\Desktop\Codes'. The prompt shows the user entering two numbers, 56 and 90, which are then swapped and displayed as the output.