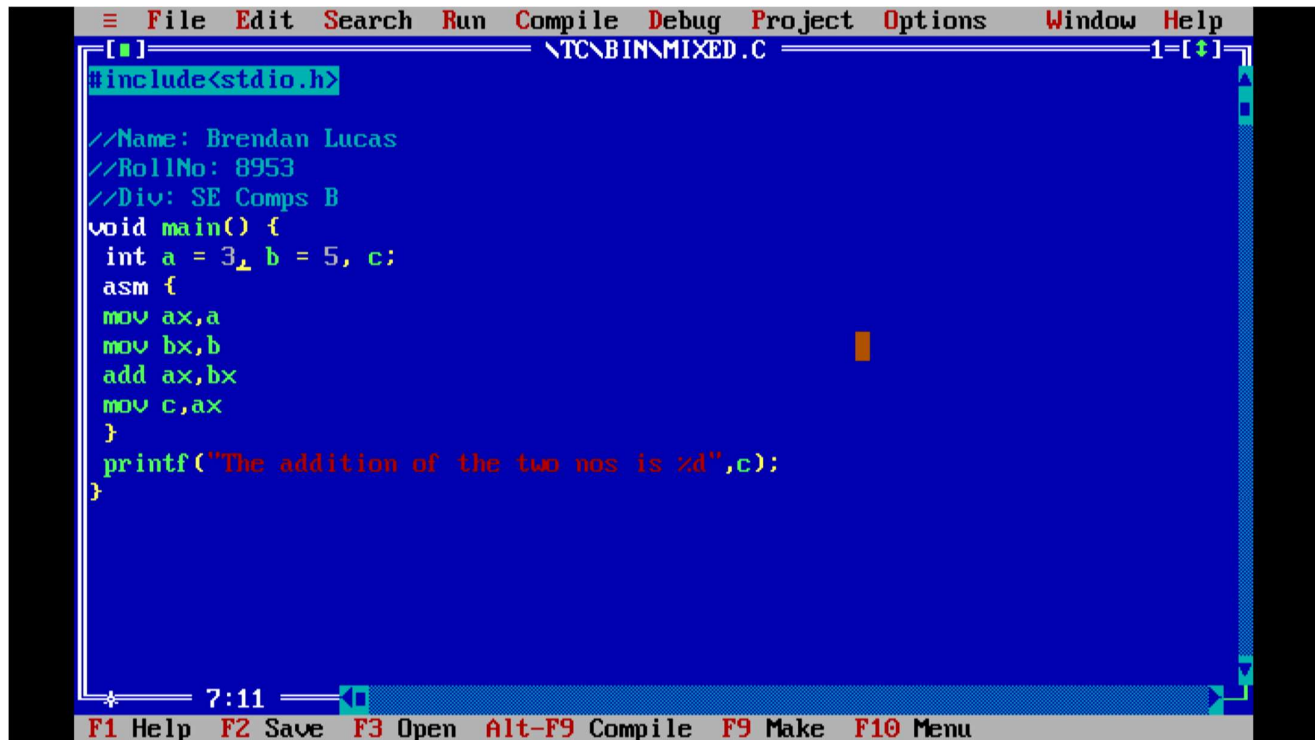


Name: Brendan Lucas, Div: SE COMP B, Roll No: 8953

Micro Processor Practical- 5.

1. Program to demonstrate the application of Mixed Program:

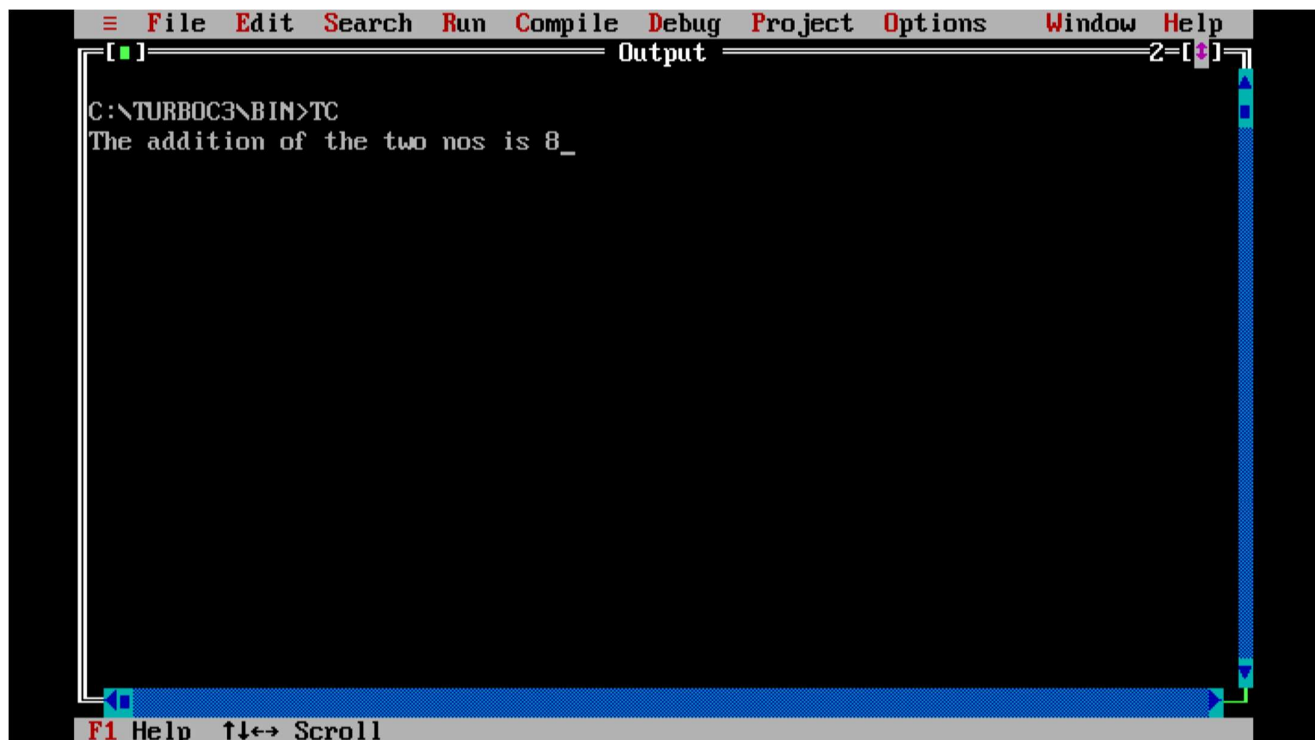


The screenshot shows the Turbo C++ IDE with the file `\TC\BIN\MIXED.C` open. The code is a mixed program combining C and assembly. It includes `<stdio.h>`, defines variables `a=3`, `b=5`, and `c`, and uses assembly instructions to add `a` and `b` into `c`. The program then prints the result using `printf`.

```
#include<stdio.h>

//Name: Brendan Lucas
//RollNo: 8953
//Div: SE Comps B
void main() {
    int a = 3, b = 5, c;
    asm {
        mov ax,a
        mov bx,b
        add ax,bx
        mov c,ax
    }
    printf("The addition of the two nos is %d",c);
}
```

The status bar at the bottom shows function key shortcuts: F1 Help, F2 Save, F3 Open, Alt-F9 Compile, F9 Make, and F10 Menu. The cursor is at line 7, column 11.



The screenshot shows the Turbo C++ IDE with the Output window active. It displays the command `C:\TURBOC3\BIN>TC` and the output of the program: `The addition of the two nos is 8_`. The status bar at the bottom shows function key shortcuts: F1 Help and Scroll.

```
C:\TURBOC3\BIN>TC
The addition of the two nos is 8_
```