

A screenshot of a Java IDE interface. The menu bar includes 'File', 'Edit', 'Search', 'View', 'Encoding', 'Language', 'Settings', 'Tools', 'Macro', 'Run', 'Plugins', 'Window', and '?'. The toolbar contains icons for file operations like Open, Save, Print, and Find, as well as icons for code navigation and execution. The main window shows a Java code editor with syntax highlighting and a code completion dropdown.

```
assignment1.c x
1 #include <cs50.h>
2 void main()
3 {
4     cout << "Hello, World!";
5 }
```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?



assignment2.c

```
1 #include <stdio.h>
2 void main()
3 {
4     int x,y,z;
5     printf("Please Enter Number 1 : ");
6     scanf(" %d",&x);
7     printf("Please Enter Number 2 : ");
8     scanf(" %d",&y);
9     printf("Please Enter Number 3 : ");
10    scanf(" %d",&z);
11
12    printf("Number 3 : %d\n",z);
13    printf("Number 2 : %d\n",y);
14    printf("Number 1 : %d",x);
15
16
17 }
18 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc assignment2.c -o assignment2.exe
PS C:\Users\pc\Documents\C (notepad)> ./assignment2.exe
Please Enter Number 1 : 11
Please Enter Number 2 : 12
Please Enter Number 3 : 13
Number 3 : 13
Number 2 : 12
Number 1 : 11
PS C:\Users\pc\Documents\C (notepad)>
```

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assignment3.c

```
1 #include <stdio.h>
2 void main()
3 {
4     int a,b;
5     printf("Please Enter Number a : ");
6     scanf(" %d",&a);
7     printf("Please Enter Number b : ");
8     scanf(" %d",&b);
9
10    printf("a + b = %d\n", (a+b));
11    printf("a - b = %d\n", (a-b));
12    printf("a & b = %d\n", (a&b));
13    printf("a | b = %d\n", (a|b));
14    printf("a ^ b = %d\n", (a^b));
15 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc assignment3.c -o assignment3.exe
PS C:\Users\pc\Documents\C (notepad)> ./assignment3.exe
Please Enter Number a : 4
Please Enter Number b : 2
a + b = 6
a - b = 2
a & b = 0
a | b = 6
a ^ b = 6
PS C:\Users\pc\Documents\C (notepad)>
```