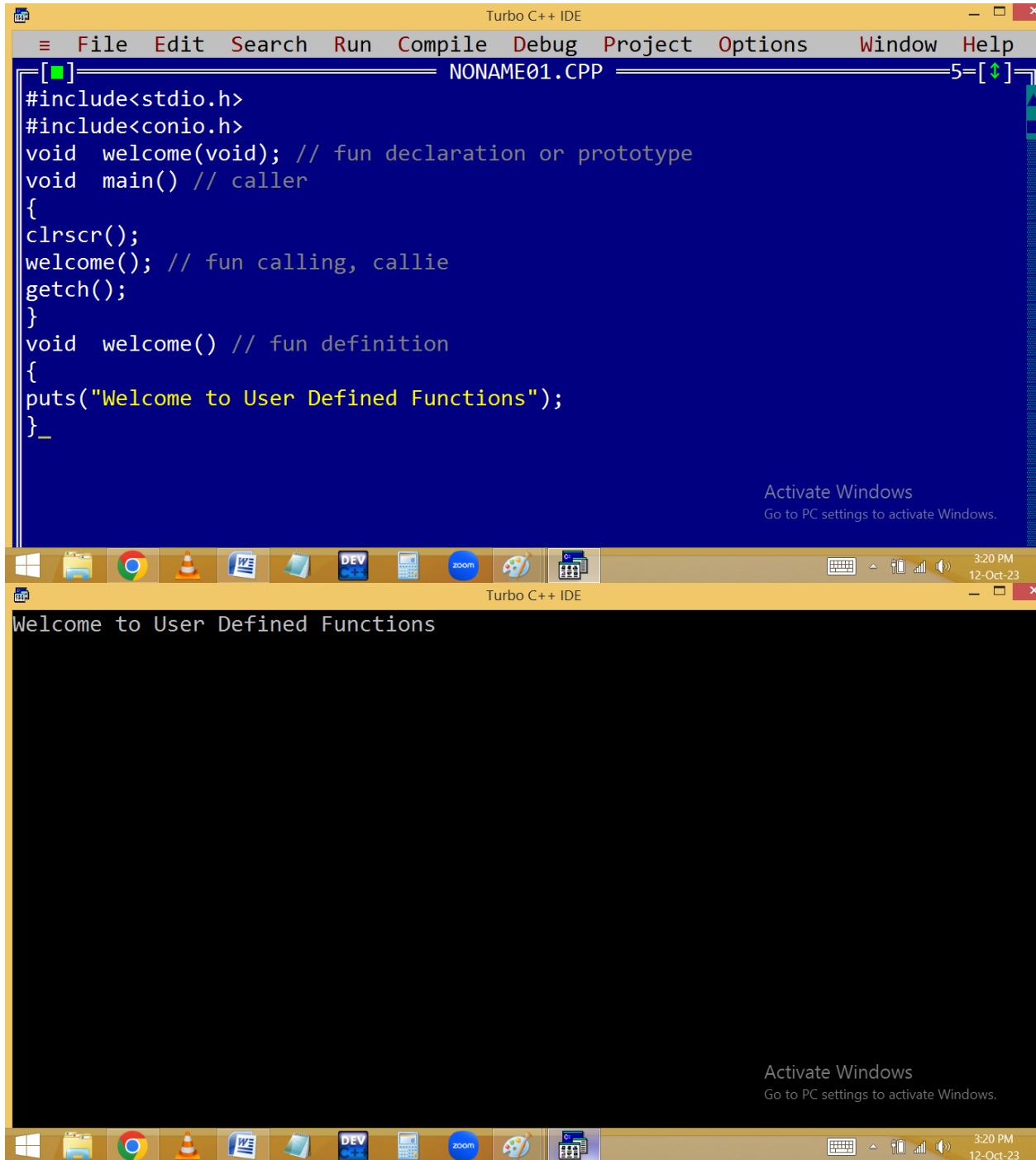


Function without arguments, without return value:



The screenshot displays the Turbo C++ IDE interface. The top window, titled "NONAME01.CPP", contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
void welcome(void); // fun declaration or prototype
void main() // caller
{
    clrscr();
    welcome(); // fun calling, callie
    getch();
}
void welcome() // fun definition
{
    puts("Welcome to User Defined Functions");
}
_
```

The bottom window shows the output of the program, which is "Welcome to User Defined Functions". The Windows taskbar at the bottom indicates the time is 3:20 PM on 12-Oct-23.

The screenshot displays the Turbo C++ IDE interface. The top window, titled '2PM.CPP', contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
void sum(); // fun declaration / proto type
void main() // caller
{
    clrscr();
    sum(); // fun calling , callie_
    getch();
}

void sum() // fun definition
{
    int a=12, b=77;
    printf("Sum=%d",a+b);
}
```

The bottom window shows the output of the program: 'Sum=89'. The Windows taskbar at the bottom indicates the time is 3:21 PM on 12-Oct-23. An 'Activate Windows' watermark is visible in the bottom right corner of both IDE windows.

with arguments, with return value:

The image shows a screenshot of the Turbo C++ IDE. The top window, titled "NONAME02.CPP", contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
int sqr(int f) // fun calling and f is formal parameter
{
    return f*f;
}
void main()
{
    int a=10, s;
    int sqr(int); // fun declaration
    clrscr();
    s = sqr(a); // fun calling and a is actual parameter
    printf("%d SQR is %d\n", a, s);
    printf("%d SQR is %d\n", a, sqr(a));
    getch();
}
```

The bottom window shows the output of the program, which is:

```
10 SQR is 100
10 SQR is 100
```

The Windows taskbar at the bottom shows the time as 3:24 PM on 12-Oct-23. An "Activate Windows" watermark is visible in the bottom right corner of the IDE windows.

The image shows a screenshot of the Turbo C++ IDE. The top window, titled 'F3.CPP', contains the following C++ code:

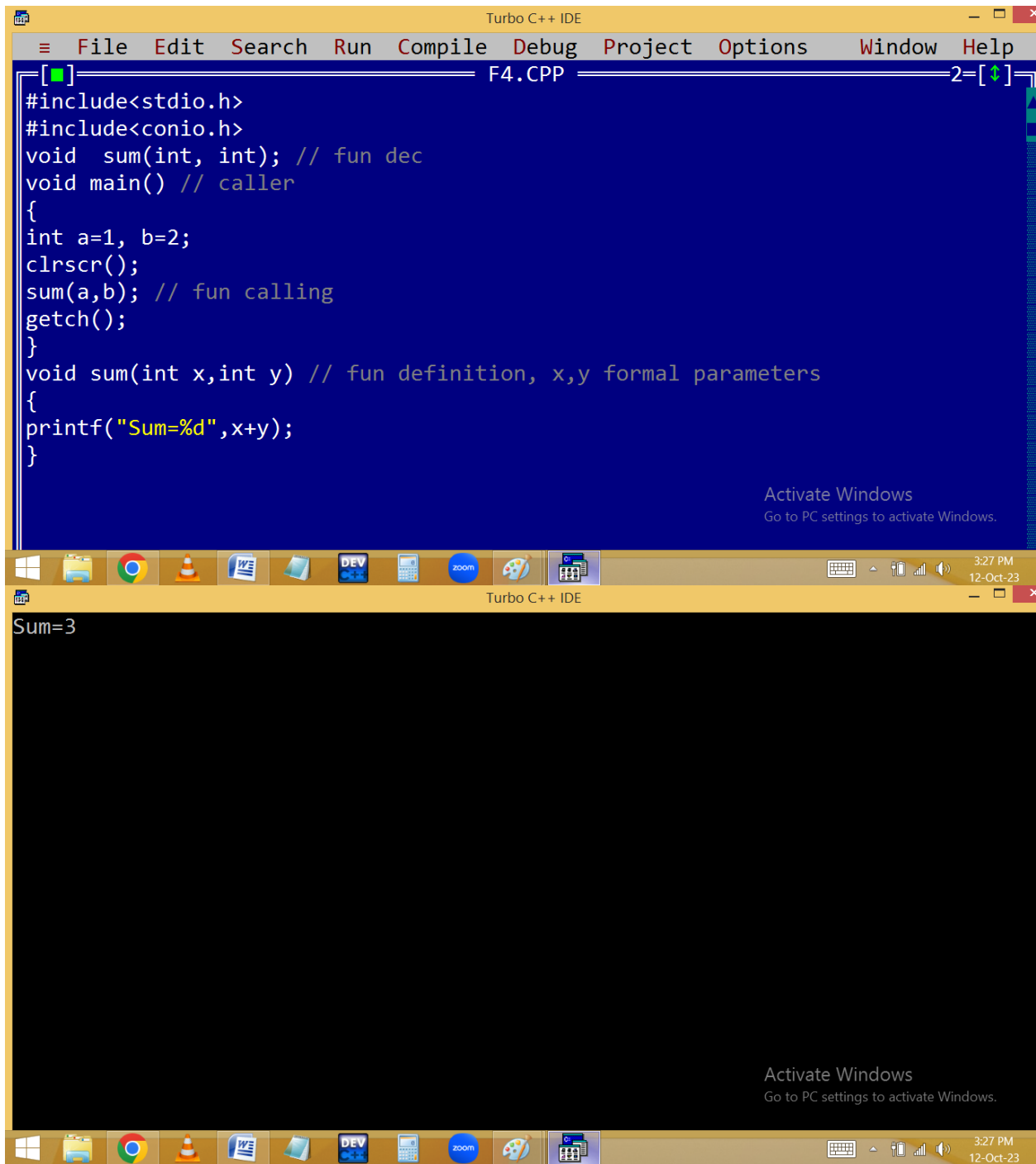
```
#include<stdio.h>
#include<conio.h>
int sum(int, int); // fun dec
void main() // caller
{
    int a=1, b=2, s = sum(a,b); // calling, callie, a,b are actual parameters
    clrscr();
    printf("Sum=%d\n",s);
    printf("Sum=%d\n",sum(2,3)); // fun calling
    getch();
}
int sum(int x, int y) // fun definition, x,y formal parameters
{
    return x+y;
}
```

The bottom window shows the output of the program, which is:

```
Sum=3
Sum=5
```

The Windows taskbar at the bottom shows the time as 3:25 PM on 12-Oct-23. An 'Activate Windows' watermark is visible in the bottom right corner of both windows.

with arguments, without return value:



The image shows a screenshot of the Turbo C++ IDE. The top window displays the source code for a file named F4.CPP. The code defines a function max and a main function that takes user input and calls max. The bottom window shows the execution output, where the user has entered '1 9' and the program has printed 'b is big'. The Windows taskbar at the bottom shows the time as 3:29 PM on 12-Oct-23.

```
#include<stdio.h>
#include<conio.h>
void max(int, int); // fun dec
void max(int a, int b) // fun def
{
    if(a>b)puts("a is big"); else if(b>a) puts("b is big");
    else puts("Both are equal");
}
void main()
{
    int a,b;
    clrscr();
    printf("Enter a, b values "); scanf("%d%d",&a, &b);
    max(a,b);// fun calling
    getch();
}
```

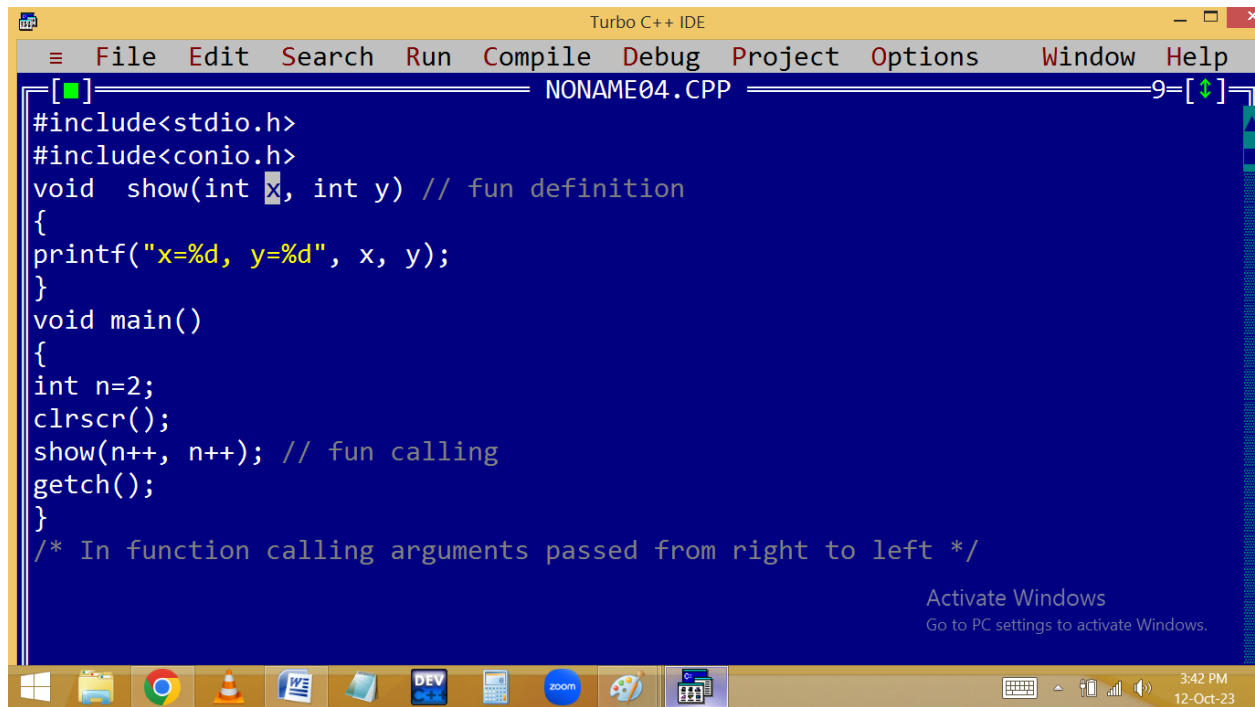
Enter a, b values 1 9
b is big

```
Turbo C++ IDE
Enter a, b values 7 2
a is big

Activate Windows
Go to PC settings to activate Windows.
```

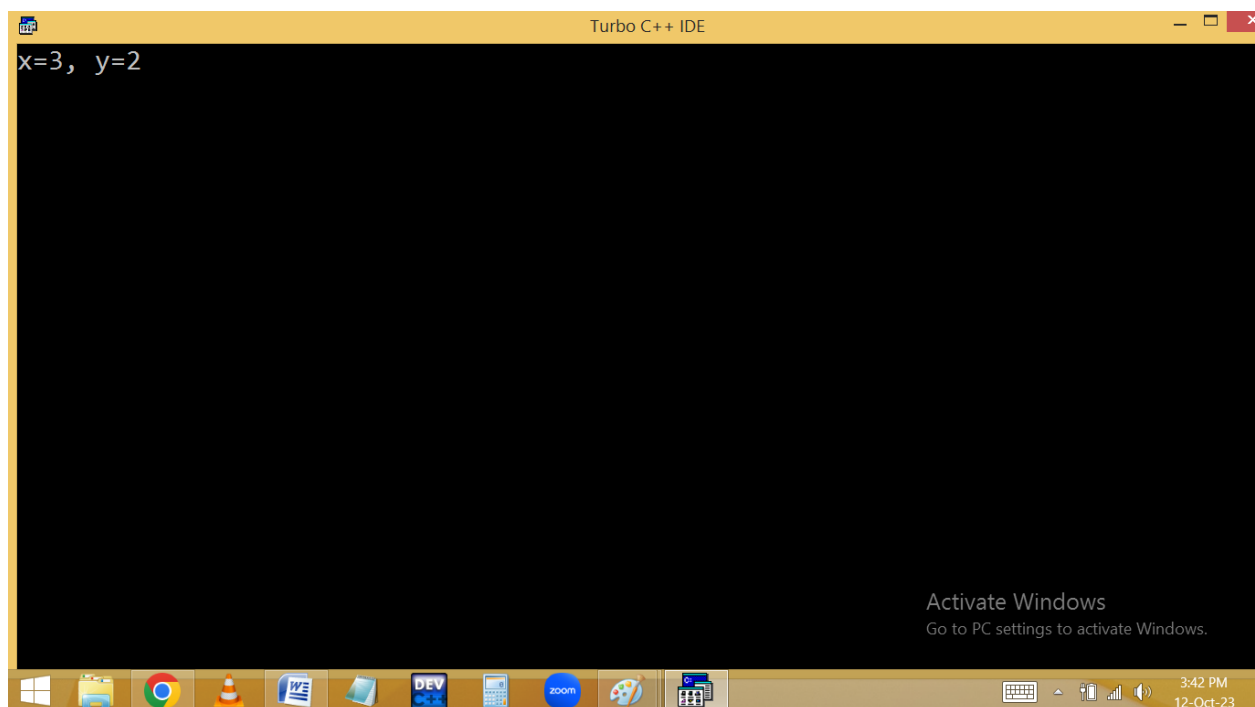
```
Turbo C++ IDE
Enter a, b values 4 4
Both are equal

Activate Windows
Go to PC settings to activate Windows.
```



```
#include<stdio.h>
#include<conio.h>
void show(int x, int y) // fun definition
{
printf("x=%d, y=%d", x, y);
}
void main()
{
int n=2;
clrscr();
show(n++, n++); // fun calling
getch();
}
/* In function calling arguments passed from right to left */
```

Activate Windows
Go to PC settings to activate Windows.



```
x=3, y=2
```

Activate Windows
Go to PC settings to activate Windows.

Without argument, with return value:

Turbo C++ IDE

File Edit Search Run Compile Debug Project Options Window Help

NONAME04.CPP

```
#include<stdio.h>
#include<conio.h>
int show() // fun definition
{
return 1,2,3;
}
void main()
{
clrscr();
printf("%d",show()); // fun calling
getch();
}
/* 3 */
```

Activate Windows
Go to PC settings to activate Windows.

Turbo C++ IDE

File Edit Search Run Compile Debug Project Options Window Help

NONAME04.CPP

```
#include<stdio.h>
#include<conio.h>
int show() // fun definition
{
return 1; return 2; return 3;
}
void main()
{
clrscr();
printf("%d",show()); // fun calling
getch();
}
/* 1 */
```

Activate Windows
Go to PC settings to activate Windows.

The image shows a screenshot of the Turbo C++ IDE. The top window, titled "F5.CPP", contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
int sum(); // fun declaration / proto type

void main() // caller
{
clrscr();
printf("sum=%d",sum()); // fun calling, callie
getch();
}
int sum() // fun definition
{
int a=1, b=7;
return a+b;
} _
```

The bottom window shows the output of the program: "sum=8_".

Both windows have a yellow title bar with the text "Turbo C++ IDE". The top window has a menu bar with "File", "Edit", "Search", "Run", "Compile", "Debug", "Project", "Options", "Window", and "Help". The bottom window has a similar menu bar. The Windows taskbar is visible at the bottom of the screen, showing icons for various applications and the system clock indicating 3:43 PM and 12-Oct-23.

The image shows a screenshot of the Turbo C++ IDE. The top window, titled "F5.CPP", contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
int  evenodd(); // fun declaration / proto type
int  evenodd()
{
    int n;
    printf("Enter n value "); scanf("%d",&n);
    return n%2;
}
void  main() // caller
{
    clrscr();
    if(evenodd())puts("Odd");else puts("Even");
    puts(evenodd()==0?"Even":"Odd");
    getch();
}
```

The bottom window shows the program's execution output:

```
Enter n value 4
Even
Enter n value 5
Odd
```

Both windows include a taskbar at the bottom with various application icons and a system tray showing the time as 3:47 PM on 12-Oct-23. An "Activate Windows" watermark is visible in the bottom right corner of each window.