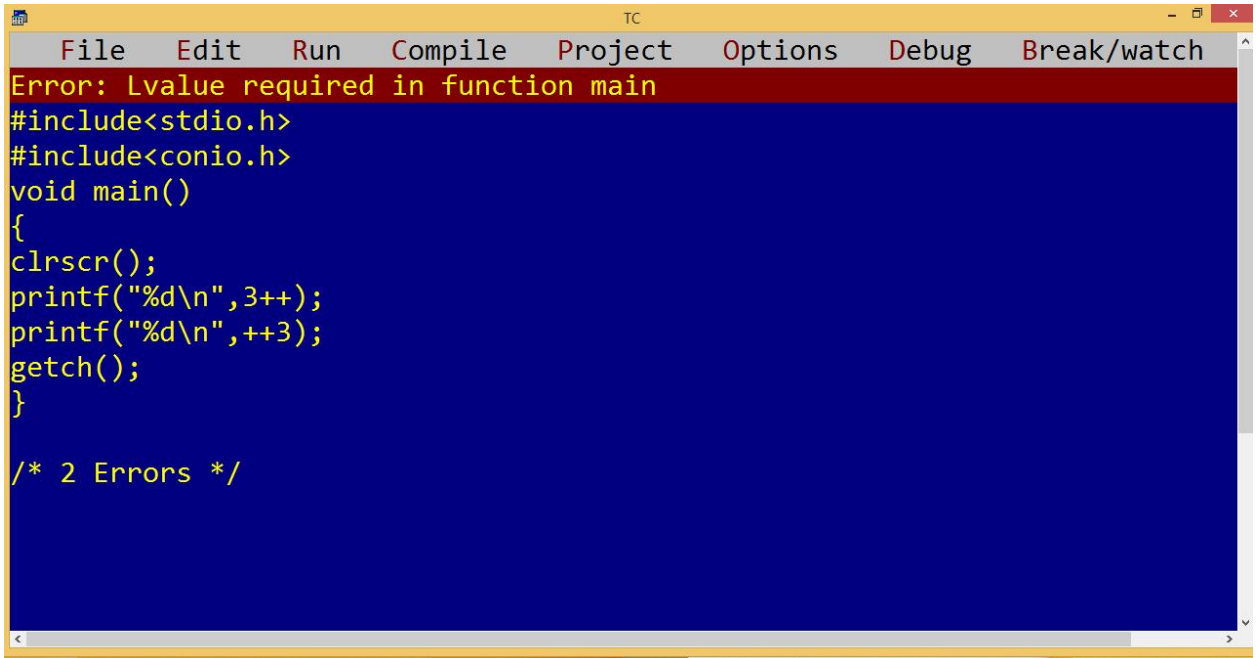
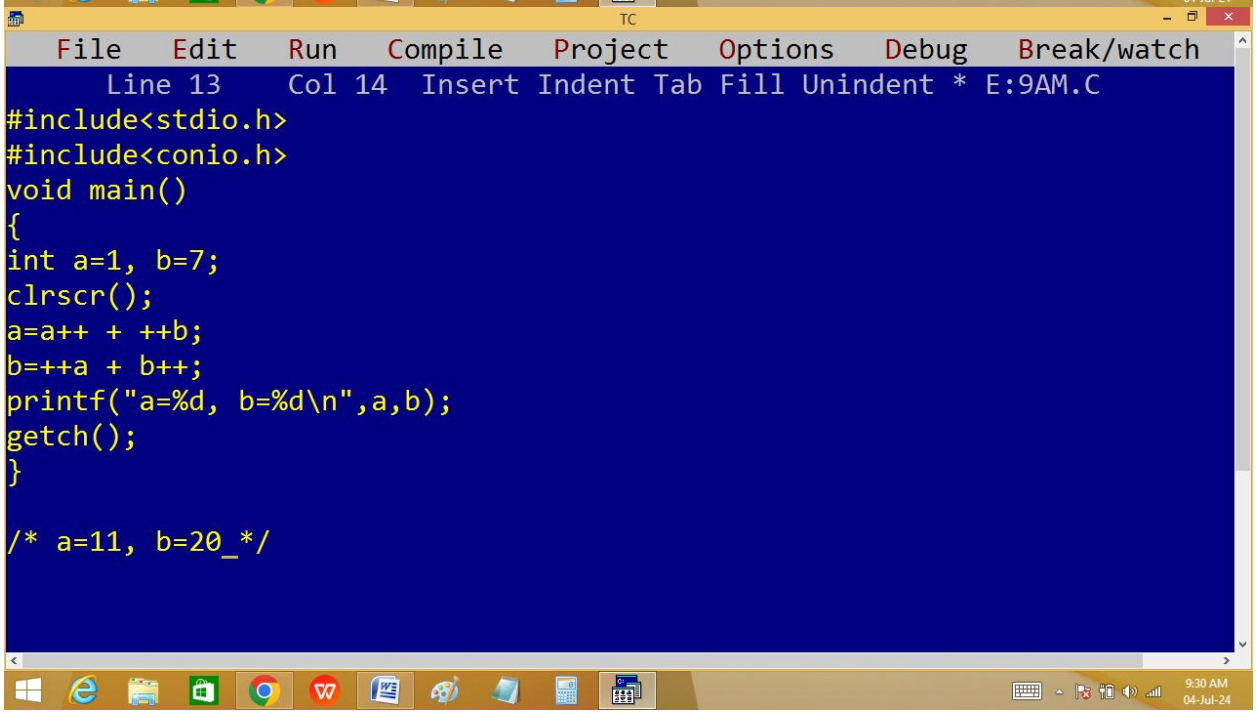

TC
File Edit Run Compile Project Options Debug Break/watch
Error: Lvalue required in function main
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%d\n",3++);
printf("%d\n",++3);
getch();
}
/* 2 Errors */


TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 14 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=1, b=7;
clrscr();
a=a++ + ++b;
b=++a + b++;
printf("a=%d, b=%d\n",a,b);
getch();
}
/* a=11, b=20 */

a=1 b=7

a = a++ + ++b;

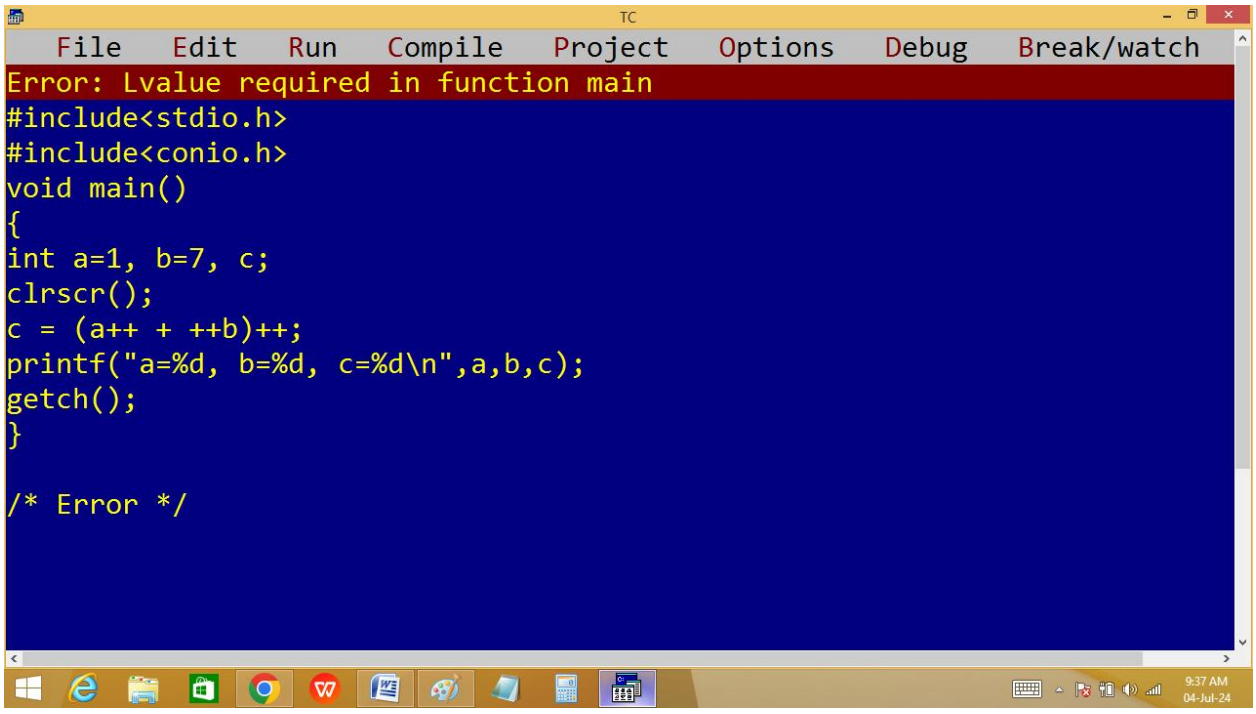
priority: ++b, +, =, a++

1. ++b ==> b=8
2. a = a + b ==> 1 + 8
3. a = 9
4. a++ ==> a=10

b= ++a + b++;

priority: ++a, +, = b++

1. ++a ==> a=11
2. b = a + b ==> 11 + 8
3. b = 19
4. b++ ==> b=20

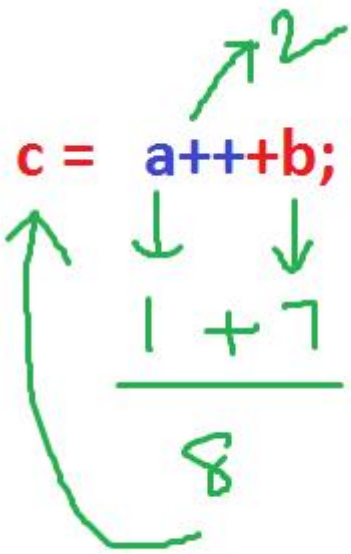


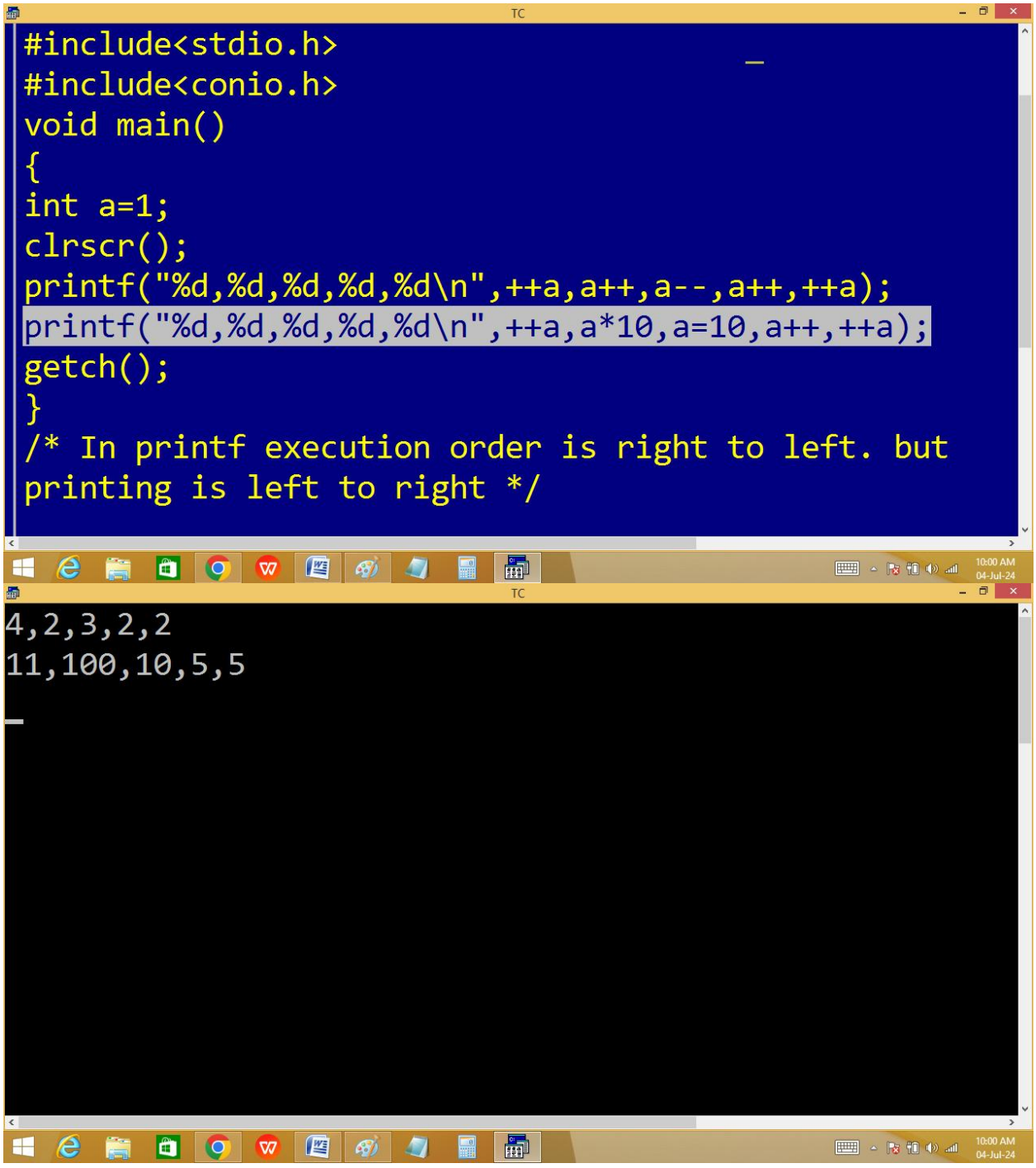
TC

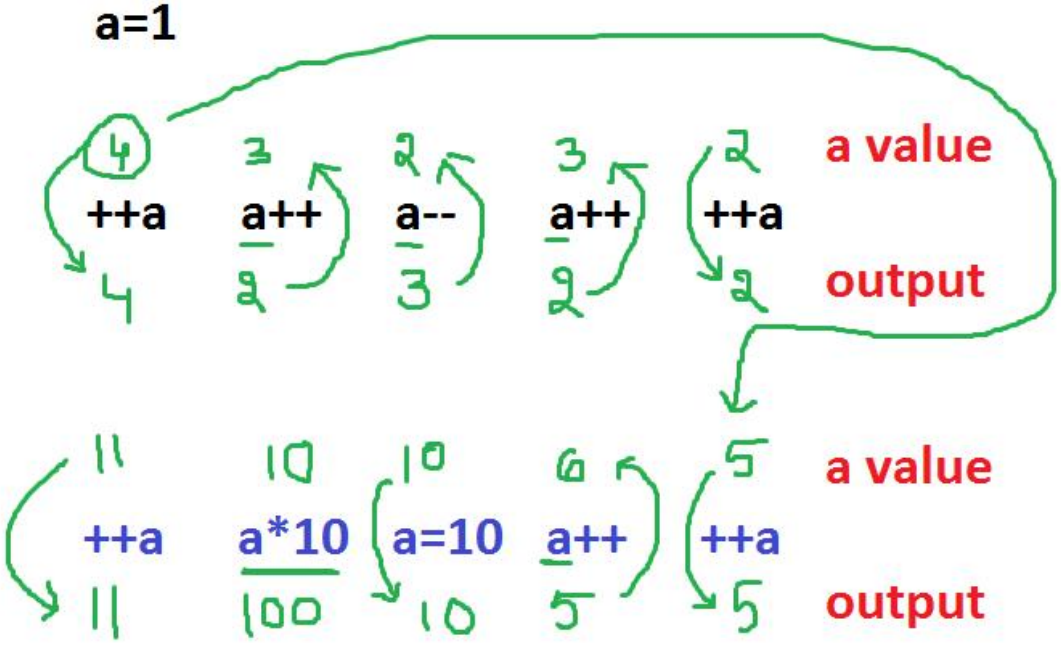
File Edit Run Compile Project Options Debug Break/watch

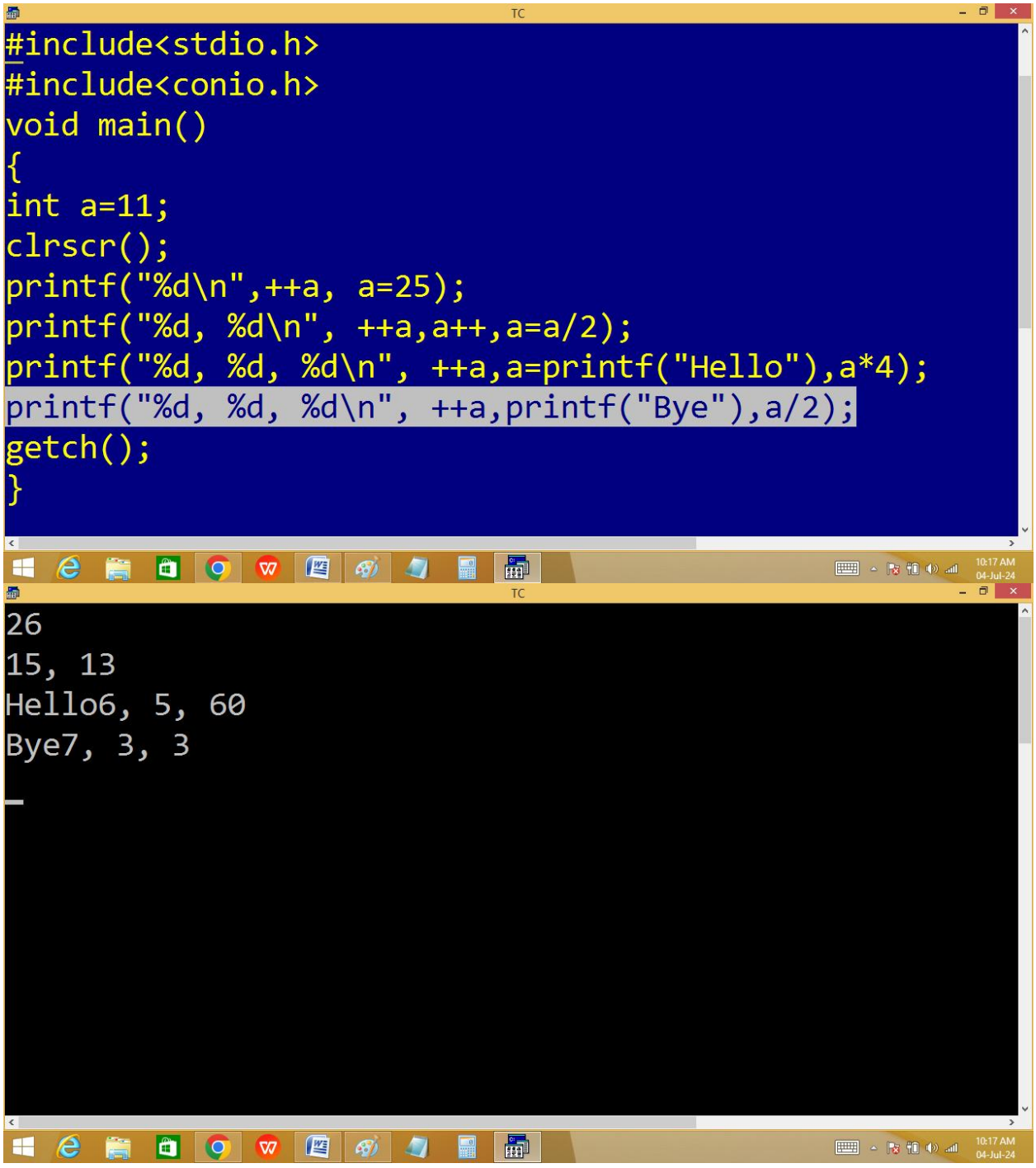
Line 12 Col 17 Insert Indent Tab Fill Unindent * E:9AM.C

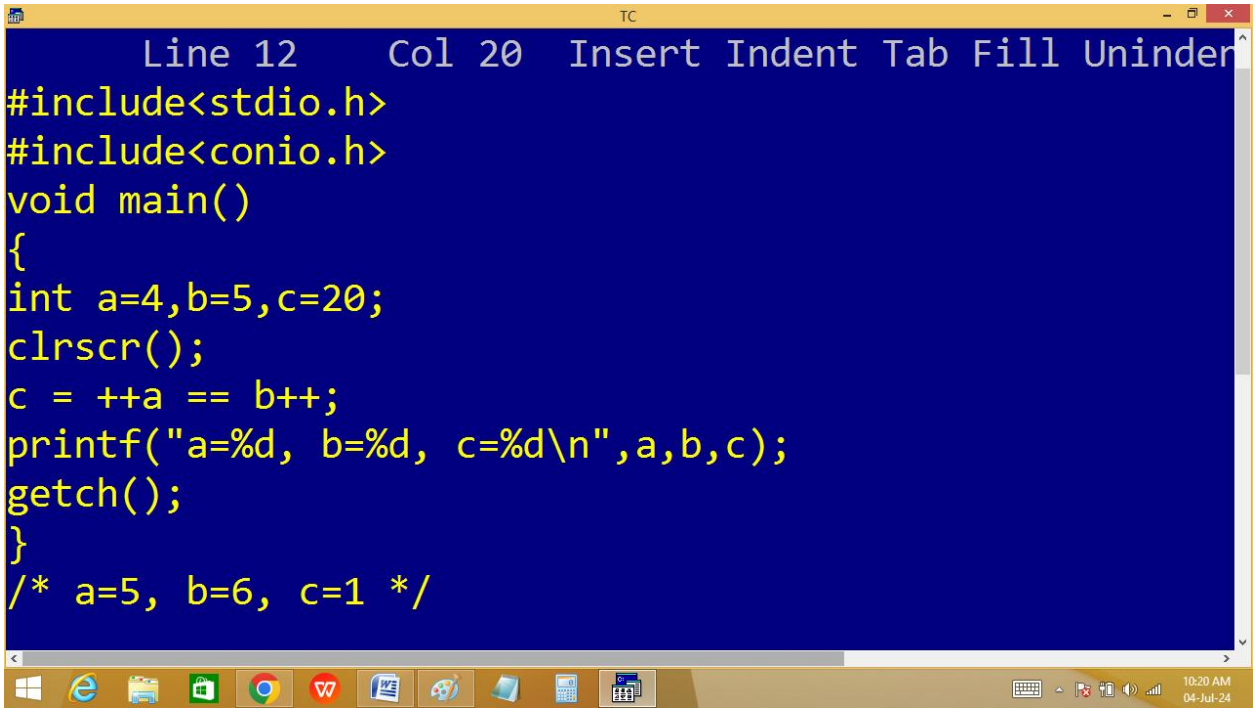
```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=1, b=7, c;
clrscr();
c = a+++b;
printf("a=%d, b=%d, c=%d\n",a,b,c);
getch();
}

/* a=2, b=7, c=8_*/
```

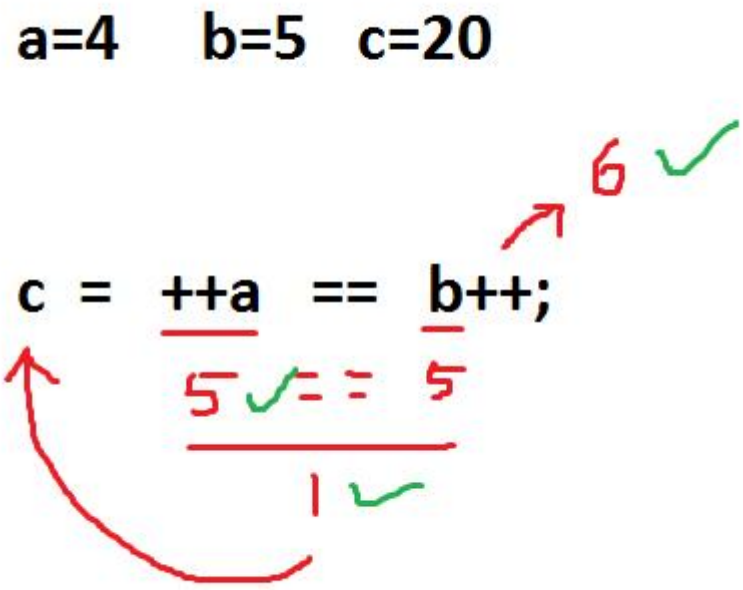



TC
#include<stdio.h>
#include<conio.h>
void main()
{
int a=1;
clrscr();
printf("%d,%d,%d,%d,%d\n",++a,a++,a--,a++,++a);
printf("%d,%d,%d,%d,%d\n",++a,a*10,a=10,a++,++a);
getch();
}
/* In printf execution order is right to left. but
printing is left to right */
TC
4,2,3,2,2
11,100,10,5,5

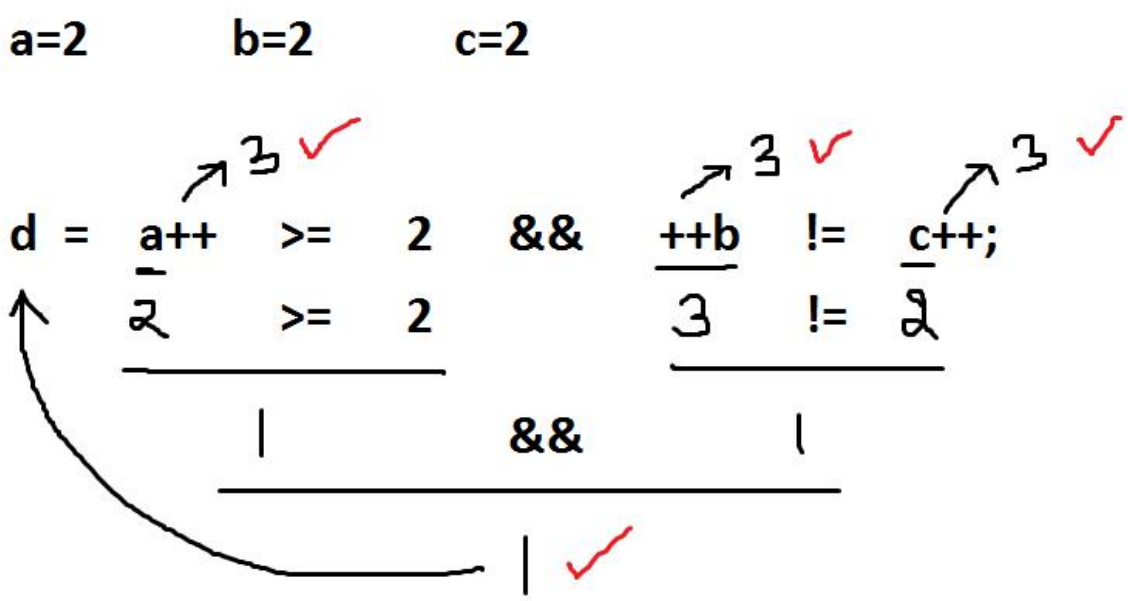

a=1
4
++a
4
3
a++
2
2
a--
3
3
a++
2
2
++a
2
a value
output
11
++a
11
10
a*10
100
10
a=10
10
6
a++
5
5
++a
5
a value
output

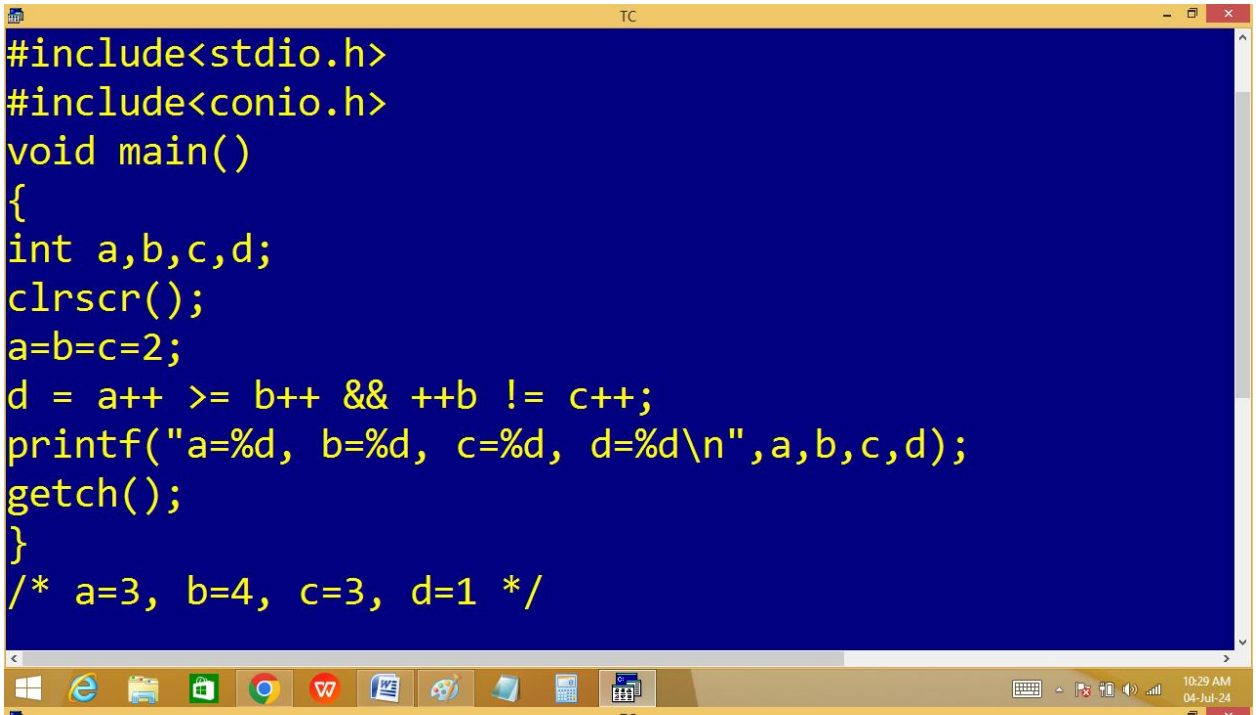

TC
#include<stdio.h>
#include<conio.h>
void main()
{
int a=11;
clrscr();
printf("%d\n",++a, a=25);
printf("%d, %d\n", ++a,a++,a=a/2);
printf("%d, %d, %d\n", ++a,a=printf("Hello"),a*4);
printf("%d, %d, %d\n", ++a,printf("Bye"),a/2);
getch();
}
TC
26
15, 13
Hello6, 5, 60
Bye7, 3, 3

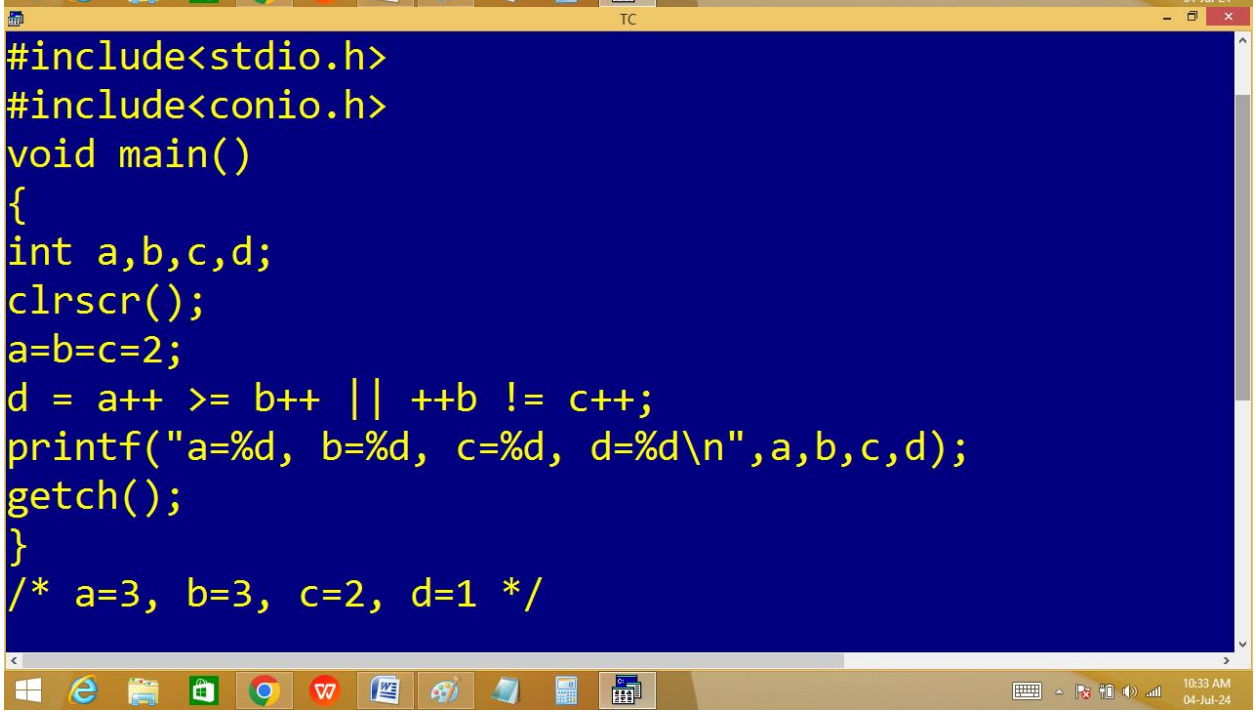

TC
Line 12 Col 20 Insert Indent Tab Fill Uninder
#include<stdio.h>
#include<conio.h>
void main()
{
int a=4,b=5,c=20;
clrscr();
c = ++a == b++;
printf("a=%d, b=%d, c=%d\n",a,b,c);
getch();
}
/* a=5, b=6, c=1 */

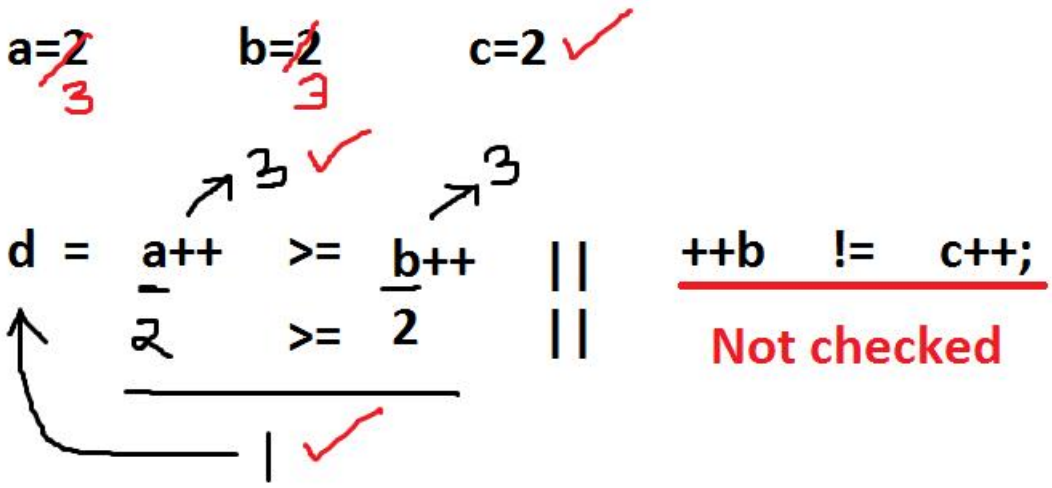

a=4 b=5 c=20
c = ++a == b++;
5 == 5
1
6

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c,d;
clrscr();
a=b=c=2;
d = a++ >= 2 && ++b != c++;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=3, b=3, c=3, d=1 */
```

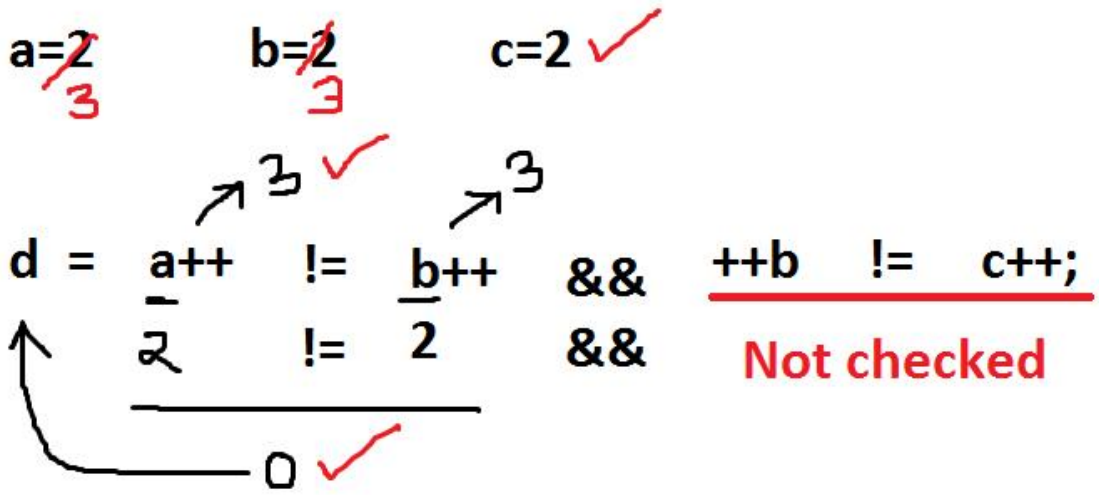



TC
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c,d;
clrscr();
a=b=c=2;
d = a++ >= b++ && ++b != c++;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=3, b=4, c=3, d=1 */


TC
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c,d;
clrscr();
a=b=c=2;
d = a++ >= b++ || ++b != c++;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=3, b=3, c=2, d=1 */




```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c,d;
clrscr();
a=b=c=2;
d = a++ != b++ && ++b != c++;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=3, b=3, c=2, d=0 */
```



TC

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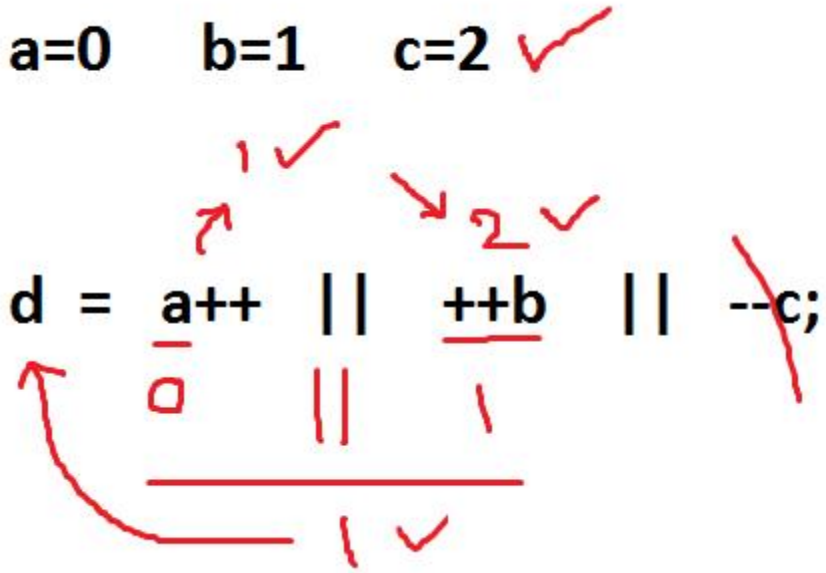
```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=1,c=2,d;
clrscr();
d = a++ || ++b || --c;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=1, b=2, c=2, d=1 */
```



TC

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=1,c=2,d;
clrscr();
d = a++ && ++b || --c;
printf("a=%d, b=%d, c=%d, d=%d\n",a,b,c,d);
getch();
}
/* a=1, b=1, c=1, d=1 */
```

a=0 b=1 c=2