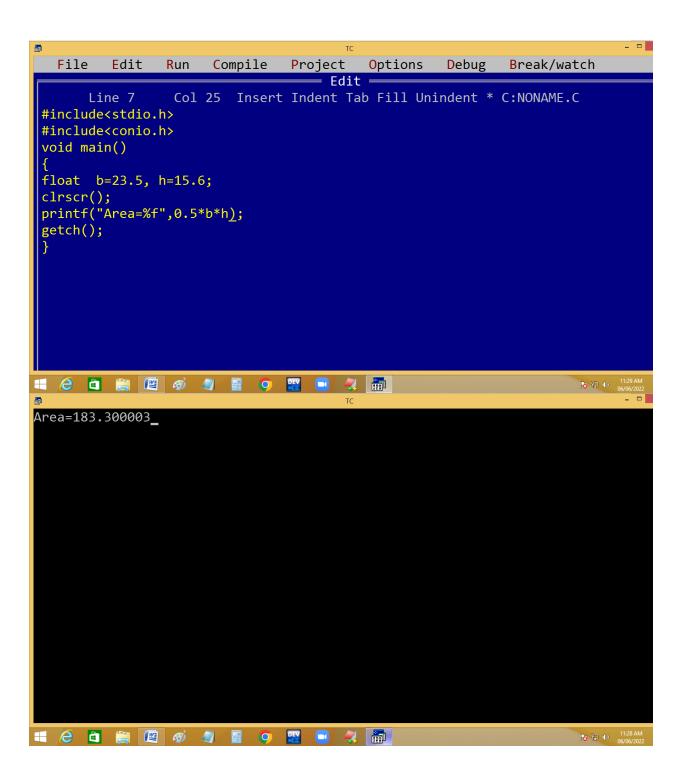
Finding area of a triangle.

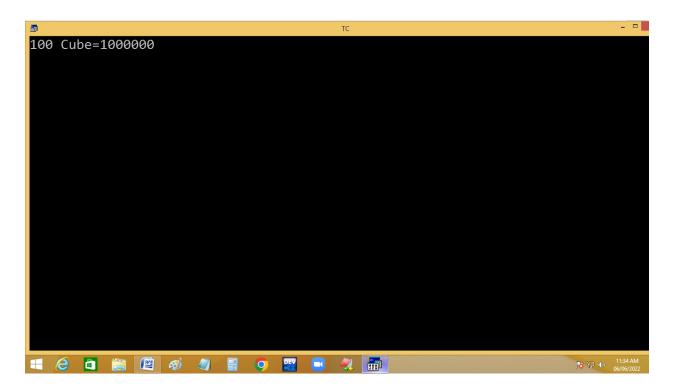
```
File Edit Run Compile Project Options Debug Break/watch
                            —— Edit —
      Line 10
               Col 2 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 float b=23.5, h=15.6, area;
 clrscr();
 area = 0.5 * b * h;
 printf("Area=%f",area);
 getch();
P₃ P₂ (I) 11:2
06/06
File Edit Run Compile Project Options Debug Break/watch
                               = Edit <del>---</del>
      Line 5
               Col 36 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 float b=23.5, h=15.6, area=0.5*b*h;
 clrscr();
 printf("Area=%f", area);
 getch();
```



Finding cube value.

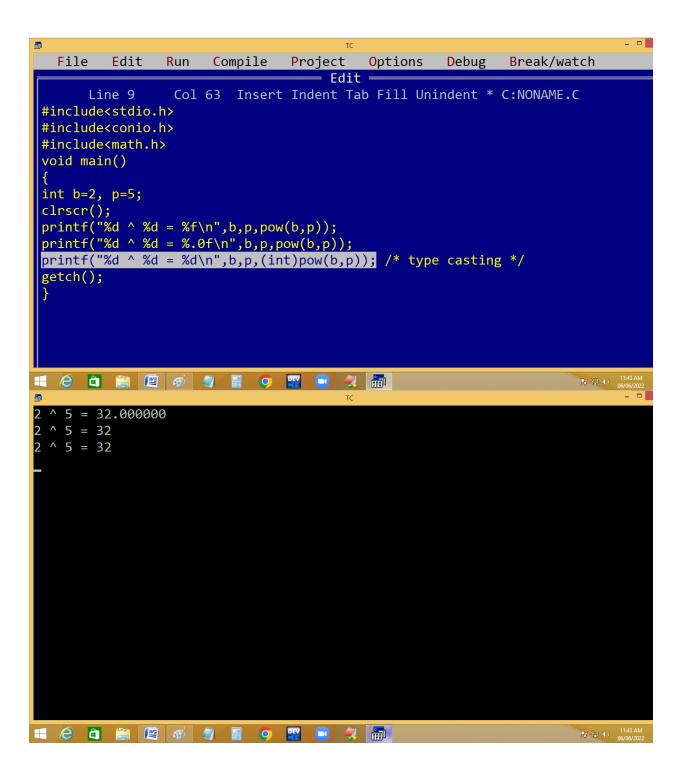
```
File Edit Run Compile Project Options Debug Break/watch
                        ——— Edit —
     Line 8
           Col 16 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 int a=10, cube;
 clrscr();
 cube = a * a * a;
printf("Cube=%d",cube);
 getch();
Cube=1000_
11:30 AM
06/06/2022
```

```
File Edit Run Compile Project Options Debug Break/watch
                             — Edit —
      Line 5
               Col 16 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 long int a=100,cube;
 clrscr();
 cube = a * a * a;
 printf("%ld Cube=%ld",a, cube);
 getch();
File Edit Run Compile Project Options Debug Break/watch
                              = Edit <del>---</del>
      Line 7
              Col 36 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 int a=100;
 clrscr();
 printf("%d Cube=%ld",a, (long)a*a*a);
 getch();
11:36 AM
06/06/2022
```

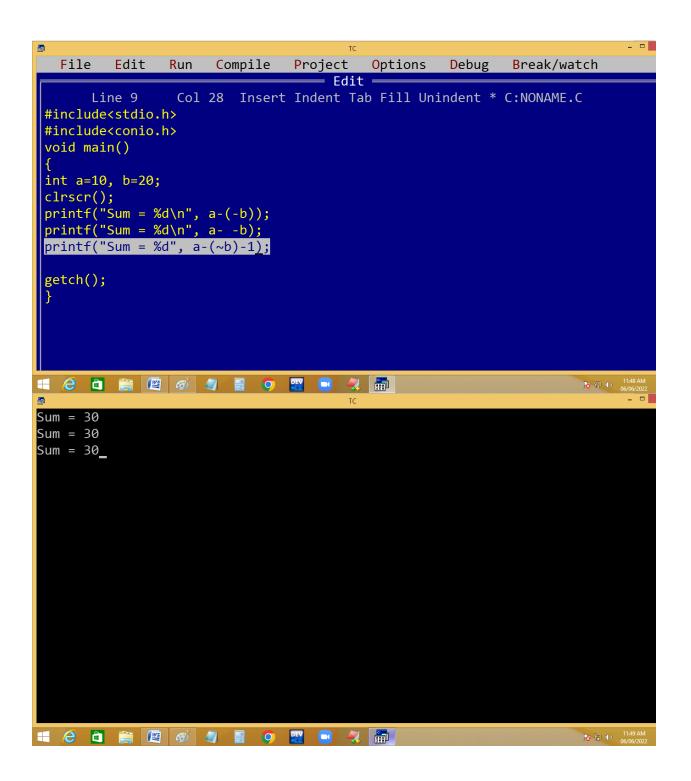


Eg. finding power value.

$$2^5 = 32$$

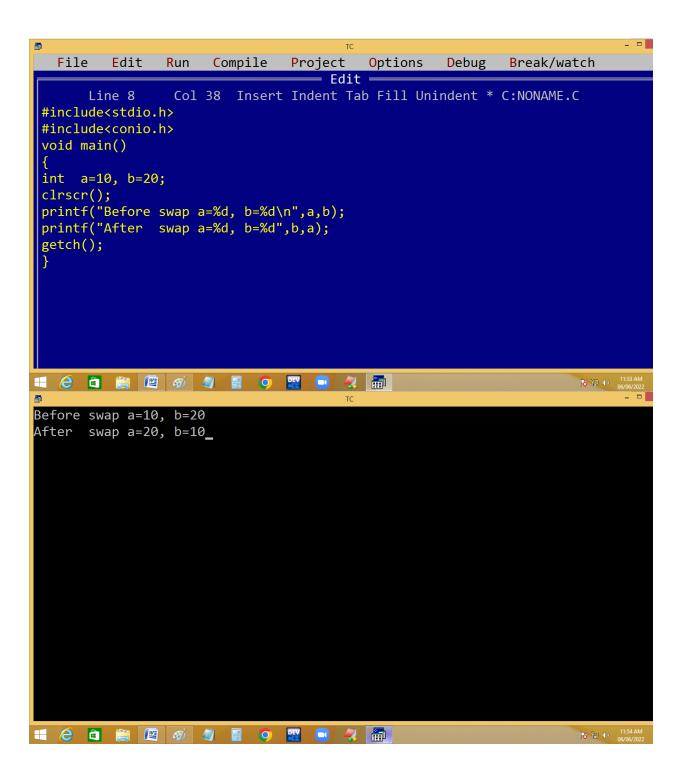


Eg. add two numbers without using + operator.



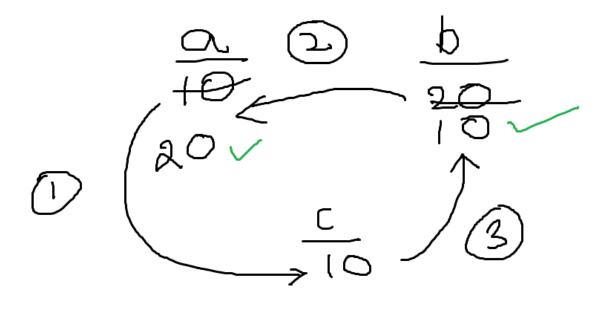
Swap of two numbers [interchange]:

Method 1 without using operators:



Method 2: using 3rd variable.

```
File Edit Run Compile Project Options Debug Break/watch
                          ——— Edit —
      Line 9 Col 36 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 int a=10, b=20, c;
 clrscr();
 printf("Before swap a=%d, b=%d\n",a,b);
 c=a; a=b; b=c;
 printf("After swap a=%d, b=%d",a,b);
 getch();
## (C 📵 😭 😰 🚳 🐠 📱 🧿 💹 🕞 🤻 🛗
Before swap a=10, b=20
After swap a=20, b=10
11:56 AM
06/06/2022
```



Method 3: without using 3rd variable.

```
File Edit Run Compile Project Options Debug Break/watch
                             — Edit —
      Line 10
                Col 21 Insert Indent Tab Fill Unindent * C:NONAME.C
 #include<stdio.h>
 #include<conio.h>
 void main()
 int a=10, b=20;
 clrscr();
 printf("Before swap a=%d, b=%d\n",a,b);
 /*a=a+b; b=a-b; a=a-b;
 a=a*b; b=a/b; a=a/b; */
 a=a^b; b=a^b; a=a^b;_
 printf("After swap a=%d, b=%d",a,b);
 getch();
                                                             11:58 AM
06/06/2022
```

a=30 b=20