

```
PTB4.java 1 X
PTB4 > src > PTB4.java > PTB4 > Output()
4 double a, b, c, delta, t1, t2, x1, x2, x3, x4;
5
6 void Input() {
7     System.out.println(x: "LE MINH TUAN ");
8     System.out.println(x: "Giai Ax^4 + Bx^2 + C = 0");
9     System.out.println(x: "Nhap he so a <> 0 : ");
10    Scanner ip1 = new Scanner(System.in);
11    a = ip1.nextDouble();
12    System.out.println(x: "Nhap he so b <> 0 : ");
13    b = ip1.nextDouble();
14    System.out.println(x: "Nhap he so c <> 0 : ");
15    c = ip1.nextDouble();
16 }
17
18 void Output() {
19     delta = b * b - 4 * a * c;
20     System.out.println(a+"x^4" + ((b>=0) ? "+" : "") + b+"x^2" + ((c>=0) ? "+" : ""));
21     if (delta == 0) {
22         t1 = t2 = -b / (2 * a);
23         if (t1 > 0) {
24             x1 = Math.sqrt(t1);
25             x2 = -x1;
26             System.out.print(x1+" "+x2);
27         } else {
28             System.out.println(x: "vo no");
29         }
30     } else if (delta < 0) {
31         System.out.println(x: "vo no");
32     } else {
33         t1 = (-b + Math.sqrt(delta)) / (2 * a);
34         t2 = (-b - Math.sqrt(delta)) / (2 * a);
35     }
36 }
37
38 Code\User\workspaceStorage\8d8f19afb
b1cbc6b7f03973d3a919c39\redhat.java\
jdt_ws\JAVA CODE OOP_14a20e01\bin' '
PTB4'
LE MINH TUAN
Giai Ax^4 + Bx^2 + C = 0
Nhap he so a <> 0 :
1
Nhap he so b <> 0 :
-2
Nhap he so c <> 0 :
1
1.0x^4-2.0x^2+1.0=0
1.0 -1.0
PS E:\JAVA CODE OOP> e.; cd 'e:\JAV
A CODE OOP'; & 'C:\Program Files\Jav
a\jdk-18.0.2.1\bin\java.exe' '-agent
lib:jdkwp=transport=dt_socket,server=
n,suspend=y,address=localhost:58609'
'--enable-preview' '-XX:+ShowCodeDe
tailsInExceptionMessages' '-cp' 'C:\
Users\Auroraphtgrp\AppData\Roaming\
Code\User\workspaceStorage\8d8f19afb
b1cbc6b7f03973d3a919c39\redhat.java\
jdt_ws\JAVA CODE OOP_14a20e01\bin' '
PTB4'
LE MINH TUAN
Giai Ax^4 + Bx^2 + C = 0
Nhap he so a <> 0 :
1
Nhap he so b <> 0 :
2
Nhap he so c <> 0 :
3
1.0x^4+2.0x^2+3.0=0
vo no
PS E:\JAVA CODE OOP> ]
```

```
BT > CALCULATED > src > CALCULATED.java > CALCULATED > Output()
8 Scanner ip = new Scanner(System.in);
9 System.out.println(x: "LE MINH TUAN ");
10 System.out.println(x: "Nhap so nguyen 1 : ");
11 a = ip.nextLong();
12 System.out.println(x: "Nhap so nguyen 2: ");
13 b = ip.nextLong();
14 System.out.println(x: "Nhap phep toan ( + , - , * , / ): ");
15 x = ip.next();
16
17
18 void Output() {
19
20     switch (x) {
21         case "+": {
22             s = a + b;
23             System.out.println(a + " " + x + " " + b + " = " + s);
24             break;
25         }
26         case "-": {
27             s = a - b;
28             System.out.println(a + " " + x + " " + b + " = " + s);
29             break;
30         }
31         case "*": {
32             s = a * b;
33             System.out.println(a + " " + x + " " + b + " = " + s);
34             break;
35         }
36         case "/": {
37             if (b == 0) {
38                 System.out.println(x: "Ko chia 0");
39             } else {
40                 s = a / b;
41                 System.out.println(a + " " + x + " " + b + " = " + s);
42             }
43         }
44     }
45 }
46
47 rkspaseStorage\8d8f19afb1cbc6
b7f03973d3a919c39\redhat.java\
jdt_ws\JAVA CODE OOP_14a20e01\
bin' 'CALCULATED'
LE MINH TUAN
Nhap so nguyen 1 :
1
Nhap so nguyen 2:
0
Nhap phep toan ( + , - , * , /
):
/
Ko chia 0
PS E:\JAVA CODE OOP> e.; cd '
e:\JAVA CODE OOP'; & 'C:\Progr
am Files\Java\jdk-18.0.2.1\bin
\java.exe' '-agentlib:jdkwp=tra
nsport=dt_socket,server=n,susp
end=y,address=localhost:59583'
'--enable-preview' '-XX:+Show
CodeDetailsInExceptionMessages'
'-cp' 'C:\Users\Auroraphtgrp
\AppData\Roaming\Code\User\wo
rkspaseStorage\8d8f19afb1cbc6
b7f03973d3a919c39\redhat.java\
jdt_ws\JAVA CODE OOP_14a20e01\
bin' 'CALCULATED'
LE MINH TUAN
Nhap so nguyen 1 :
10
Nhap so nguyen 2:
5
Nhap phep toan ( + , - , * , /
):
/
10 / 5 = 2
PS E:\JAVA CODE OOP> ]
```

```
CACULATEDPS.java 1
BT > CACULATEDPS > src > CACULATEDPS.java > CACULATEDPS > Input()
7 void Input()
8     System.out.println(x: "LE MINH TUAN ");
9     Scanner in = new Scanner(System.in);
10    System.out.println(x: "Nhap phan so 1 : ");
11    System.out.println(x: "Tu: ");
12    a1 = in.nextLong();
13    System.out.println(x: "Mau<>0: ");
14    a2 = in.nextLong();
15    System.out.println(x: "Nhap phan so 2 : ");
16    System.out.println(x: "Tu: ");
17    b1 = in.nextLong();
18    System.out.println(x: "Mau<>0: ");
19    b2 = in.nextLong();
20    System.out.println(x: "Nhap phep toan ( + , - , * , / ) : ");
21    x = in.next();
22    a11 = a1;
23    a12 = a2;
24    b11 = b1;
25    b12 = b2;
26    u1 = a2;
27    u2 = b2;
28
29
30    long UCLN(long a, long b) {
31        while (a != b) {
32            if (a > b) {
33                a = a - b;
34            } else {
35                b = b - a;
36            }
37        }
38    }
39}
```

```
Mau<>0:
6
Nhap phan so 2 :
Tu:
3
Mau<>0:
6
Nhap phep toan ( + , - , * , / ) :
/
10/6 / 3/6 = 10/3
PS E:\JAVA CODE OOP> e.; cd 'e:\JAV
A CODE OOP'; & 'C:\Program Files\Jav
a\jdk-18.0.2.1\bin\java.exe' '-agent
lib:jdpws=transport=dt_socket,server=
n,suspend=y,address=localhost:61824'
'--enable-preview' '-XX:+ShowCodeDe
tailsInExceptionMessages' '-cp' 'C:\
Users\Auroraphtgrp\AppData\Roaming\
Code\User\workspaceStorage\8d8f19afb
b1cbc6b7f03973d3a919c39\redhat.java\
jdt_ws\JAVA CODE OOP_14a20e01\bin' '
CACULATEDPS'
LE MINH TUAN
Nhap phan so 1 :
10
Mau<>0:
0
Nhap phan so 2 :
Tu:
3
Mau<>0:
5
Nhap phep toan ( + , - , * , / ) :
/
Ko chia 0
PS E:\JAVA CODE OOP>
```