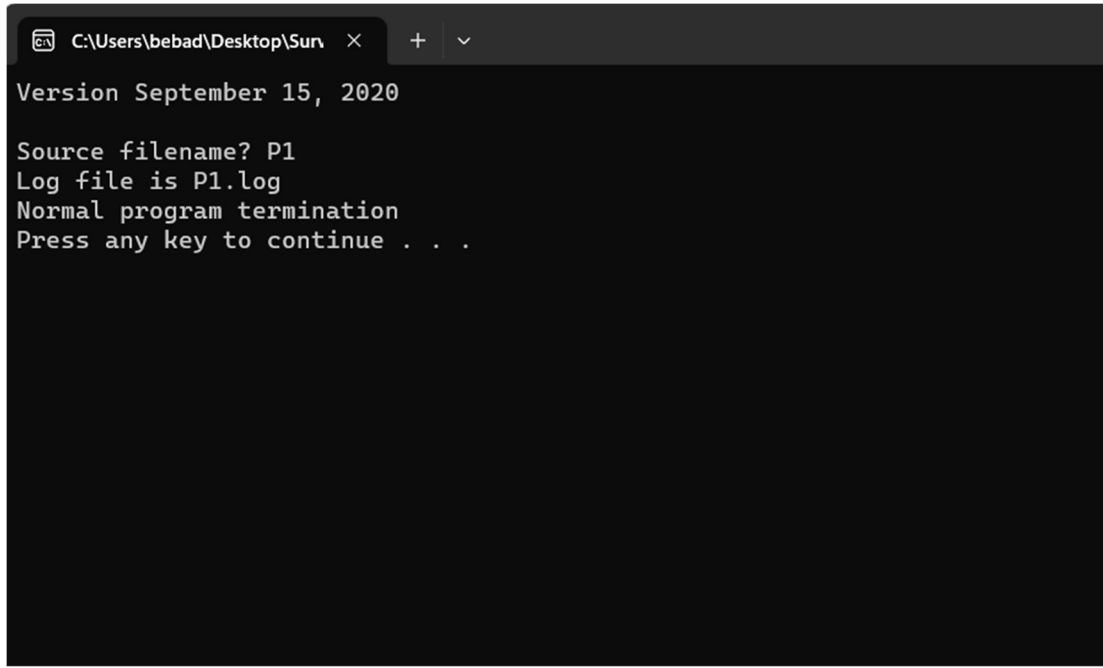


## Java++ Program Screenshots

### P1.java++

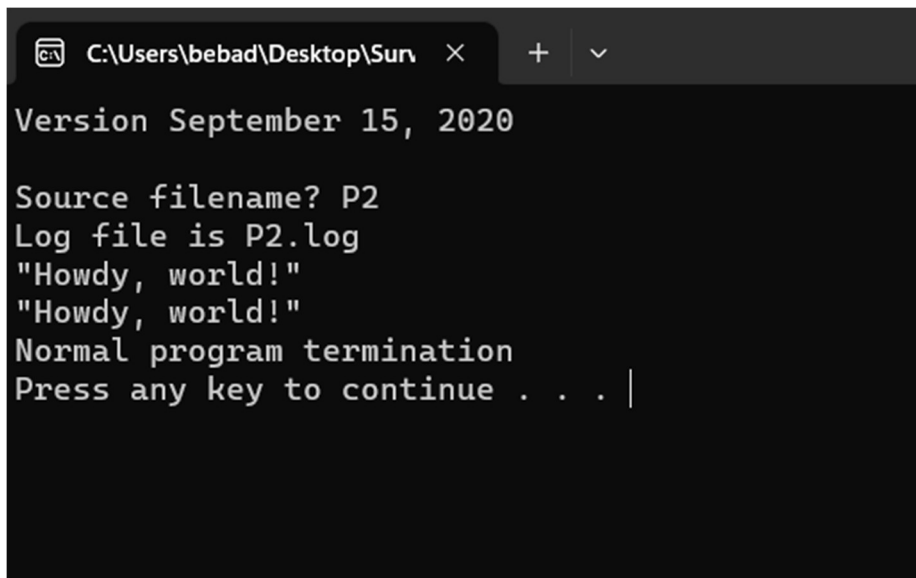


A screenshot of a Java++ program execution window. The window has a title bar with a file icon, the path 'C:\Users\bebad\Desktop\Sun', and window control buttons. The text inside the window is as follows:

```
Version September 15, 2020

Source filename? P1
Log file is P1.log
Normal program termination
Press any key to continue . . .
```

### P2.java++



A screenshot of a Java++ program execution window. The window has a title bar with a file icon, the path 'C:\Users\bebad\Desktop\Sun', and window control buttons. The text inside the window is as follows:

```
Version September 15, 2020

Source filename? P2
Log file is P2.log
"Howdy, world!"
"Howdy, world!"
Normal program termination
Press any key to continue . . . |
```

### P3.java++

```
C:\Users\bebad\Desktop\Surv x + v
Version September 15, 2020

Source filename? P3
Log file is P3.log
Howdy+ world!
Normal program termination
Press any key to continue . . . |
```

### P4.java++

```
C:\Users\bebad\Desktop\Surv x + v
Version October, 2023

Source filename? P4
Log file is P4.log

1 = 1
+2 = 2
-3 = -3
ABSOLUTE 2 = 2
ABSOLUTE [-3] = 3
4+5 = 9
5-4 = 1
6*7 = 42
7/4 = 1
7%4 = 3
2^3 = 8
2^[3^2] = 512
[2^3]^2 = 64
1<2 = T
1==2 = F
1<=2 = T
1>2 = F
1!=2 = T
[1!=2] = T
1>=2 = F
TRUE OR TRUE = T
TRUE OR FALSE = T
FALSE NOR TRUE = F
FALSE NOR FALSE = T
TRUE XOR TRUE = F
FALSE XOR FALSE = F
TRUE AND TRUE = T
TRUE AND FALSE = F
FALSE NAND TRUE = T
FALSE NAND FALSE = T
NOT FALSE = T
NOT TRUE = F
Normal program termination
Press any key to continue . . . |
```

## P5.java++

```
C:\Users\Ben\OneDrive\Desktop X + v
Version October, 2023

Source filename? P5
Log file is P5.log

Integer x1 = 52
Integer Final x2 = 10
Boolean x3 = T
user1: 10
user2: 28
user1 + user2 + x2 = 48
x1 = 52, ++x1 = 53
user1 = 10, --user1 = 9
user3: FALSE
user3 = F, x4 = T
Normal program termination
Press any key to continue . . . |
```

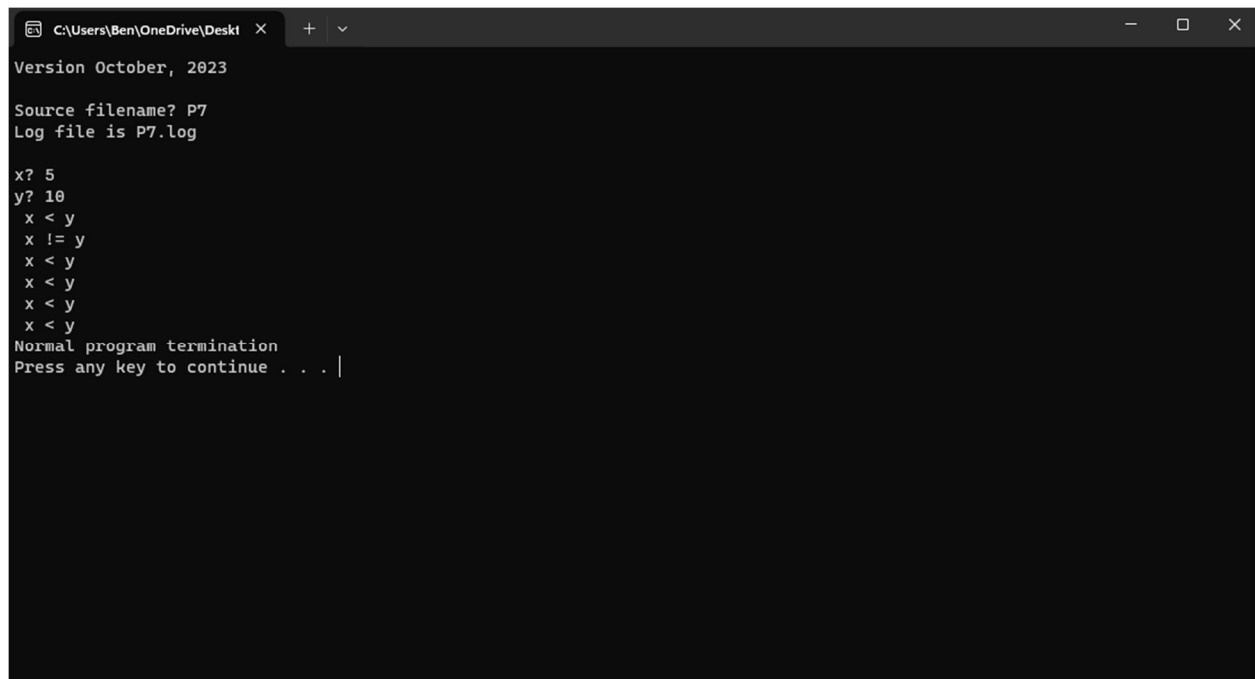
## P6.java++

```
C:\Users\Ben\OneDrive\Desktop X + v
Version October, 2023

Source filename? P6
Log file is P6.log

x? 10
y? 5
x > y
x? 5
y? 10
x < y
x? 5
y? 5
x == y
x? 0
Normal program termination
Press any key to continue . . .
```

## P7.java++



The screenshot shows a Java++ IDE window with a dark theme. The title bar indicates the file path is C:\Users\Ben\OneDrive\Desktop. The main text area displays the following output:

```
Version October, 2023

Source filename? P7
Log file is P7.log

x? 5
y? 10
x < y
x != y
x < y
x < y
x < y
x < y
Normal program termination
Press any key to continue . . . |
```