

1. Problem statement: Write a program to find the highest among the given 3 numbers

2. code with comments:

```
import java.lang.*;
```

```
public class Highest {
```

```
    public static void main(String[] args) {
```

```
        int h1 = 4, h2 = 9, h3 = 5;
```

```
        if( h1 >= h2 && h1 >= h3)                                // h1 is
        compared with h2 and h3
```

```
            System.out.println(h1 + " is the highest number.");
```

```
        else if (h2 >= h1 && h2 >= h3)                            // h2 is
        compared with h1 & h3
```

```
            System.out.println(h2 + " is the highest number.");
```

```
        else
            // left over variable is the highest among three
            System.out.println(h3 + " is the highest number.");
```

```
    }
```

```
}
```

3. Explanation of the code:

h1 is compared with h2 and h3. h2 is compared with h1 & h3. Later left over variable is the highest among three

4. Result flow in detail:

h1 is compared with h2 and h3. h2 is compared with h1 & h3. Later left over variable is the highest among three

5. Output screenshot:

```
C:\windows\system32\cmd.exe

C:\Training_Assignment>javac AddPrg.java

C:\Training_Assignment>java AddPrg
47

C:\Training_Assignment>
C:\Training_Assignment>
C:\Training_Assignment>
C:\Training_Assignment>
C:\Training_Assignment>
C:\Training_Assignment>javac AddOp.java

C:\Training_Assignment>java AddOp
2
18
4
0

C:\Training_Assignment>javac Highest.java

C:\Training_Assignment>java Highest
9 is the highest number.

C:\Training_Assignment>
```

```
10
11 public class TestMethod {
12
13     public static void main(String[] args) {
14
15         int h1 = 4, h2 = 9, h3 = 5;
16
17         if( h1 >= h2 && h1 >= h3)           // h1 is compared with h2 and h3
18             System.out.println(h1 + " is the highest number.");
19
20         else if (h2 >= h1 && h2 >= h3)       // h2 is compared with h1 & h3
21             System.out.println(h2 + " is the highest number.");
22
23         else                               // left over variable is the highest among three
24             System.out.println(h3 + " is the highest number.");
25
26     }
27
28 }
29
30
31
```

<terminated> TestMethod [Java Application] C:\Program Files\Java\jdk1.8.0\_111\bin\javaw.exe (25-Nov-2018, 10:12:55 PM)  
9 is the highest number.