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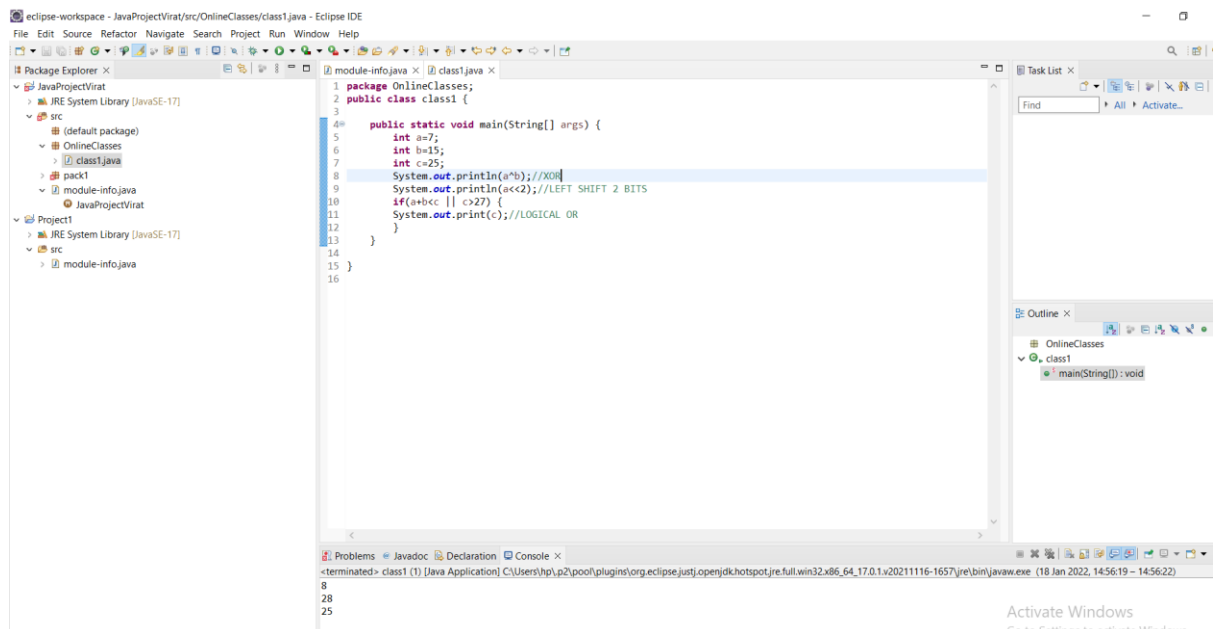
JAVA QUESTIONS:

1.

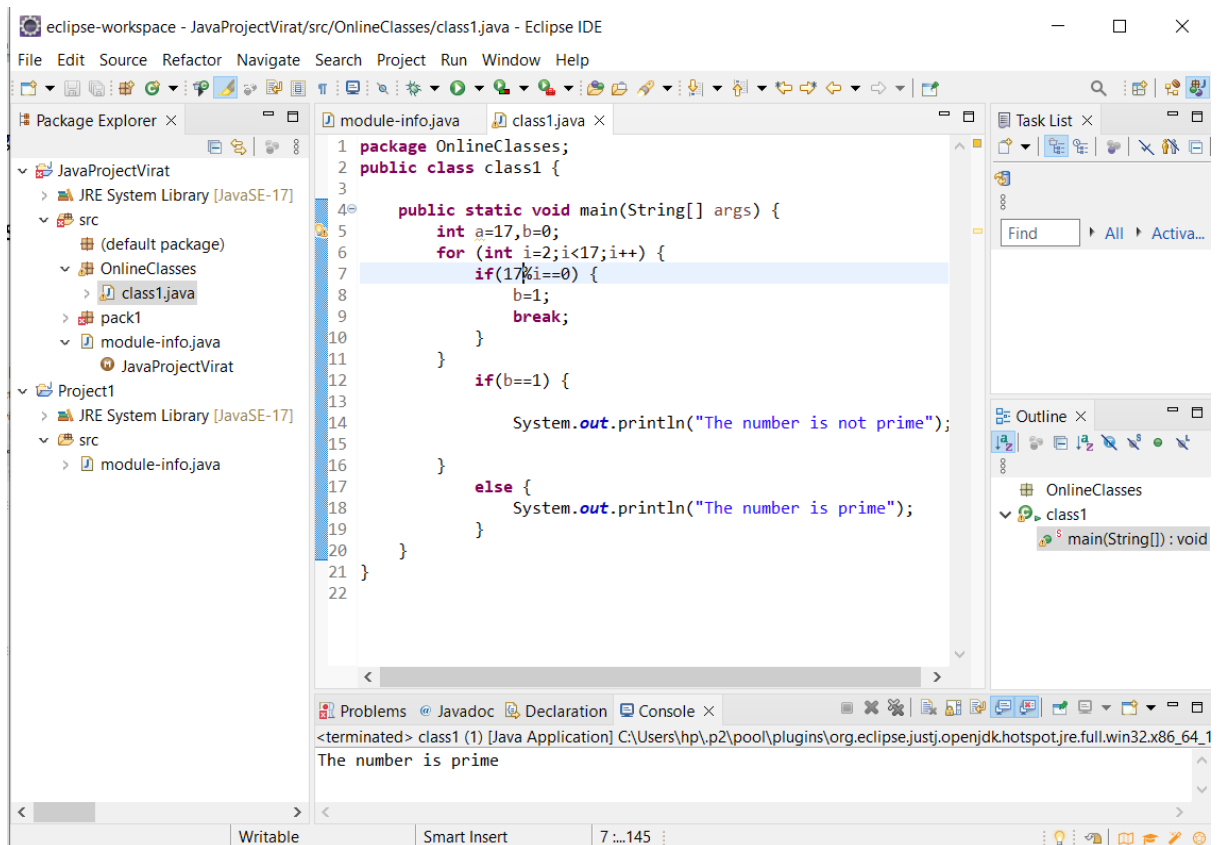
BITWISE XOR

LEFT SHIFT 2 BITS

LOGICAL OR



2. A=17 ;Number is prime.

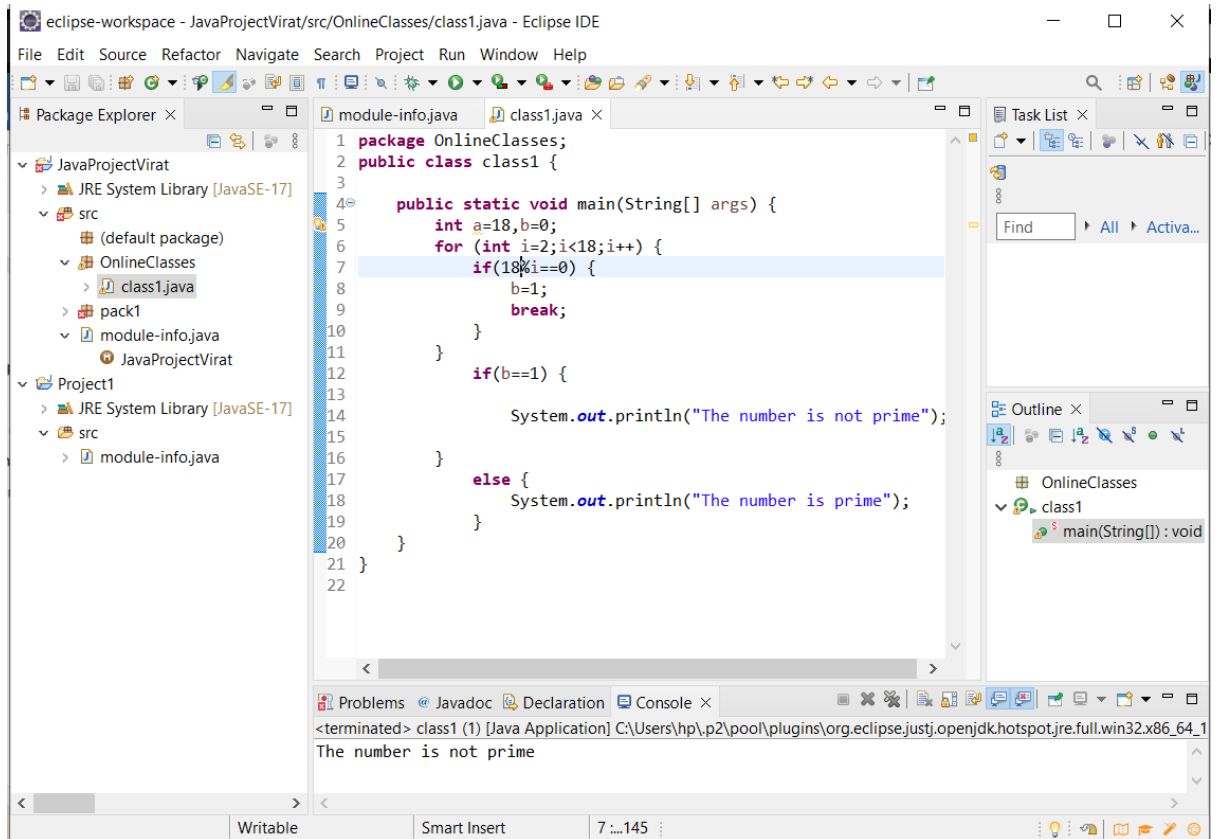


The screenshot shows the Eclipse IDE with a Java project named 'JavaProjectVirat'. The package explorer on the left shows the project structure. The main editor displays the source code for 'class1.java'. The code is as follows:

```
1 package OnlineClasses;
2 public class class1 {
3
4     public static void main(String[] args) {
5         int a=17,b=0;
6         for (int i=2;i<17;i++) {
7             if(17%i==0) {
8                 b=1;
9                 break;
10            }
11        }
12        if(b==1) {
13            System.out.println("The number is not prime");
14        }
15        else {
16            System.out.println("The number is prime");
17        }
18    }
19 }
20
21
22
```

The console at the bottom shows the output: 'The number is prime'.

A=18 ; Number is not prime

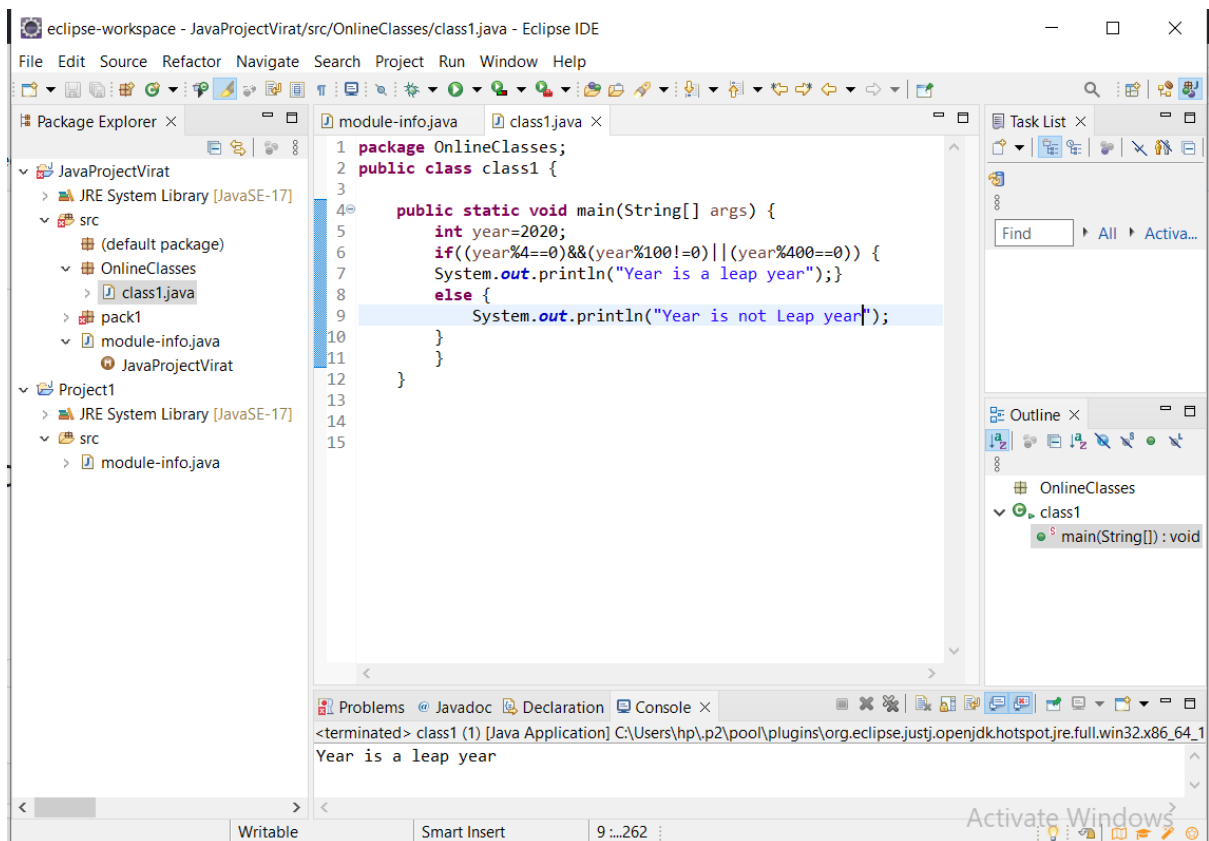


The screenshot shows the Eclipse IDE with the same Java project. The package explorer on the left shows the project structure. The main editor displays the source code for 'class1.java'. The code is as follows:

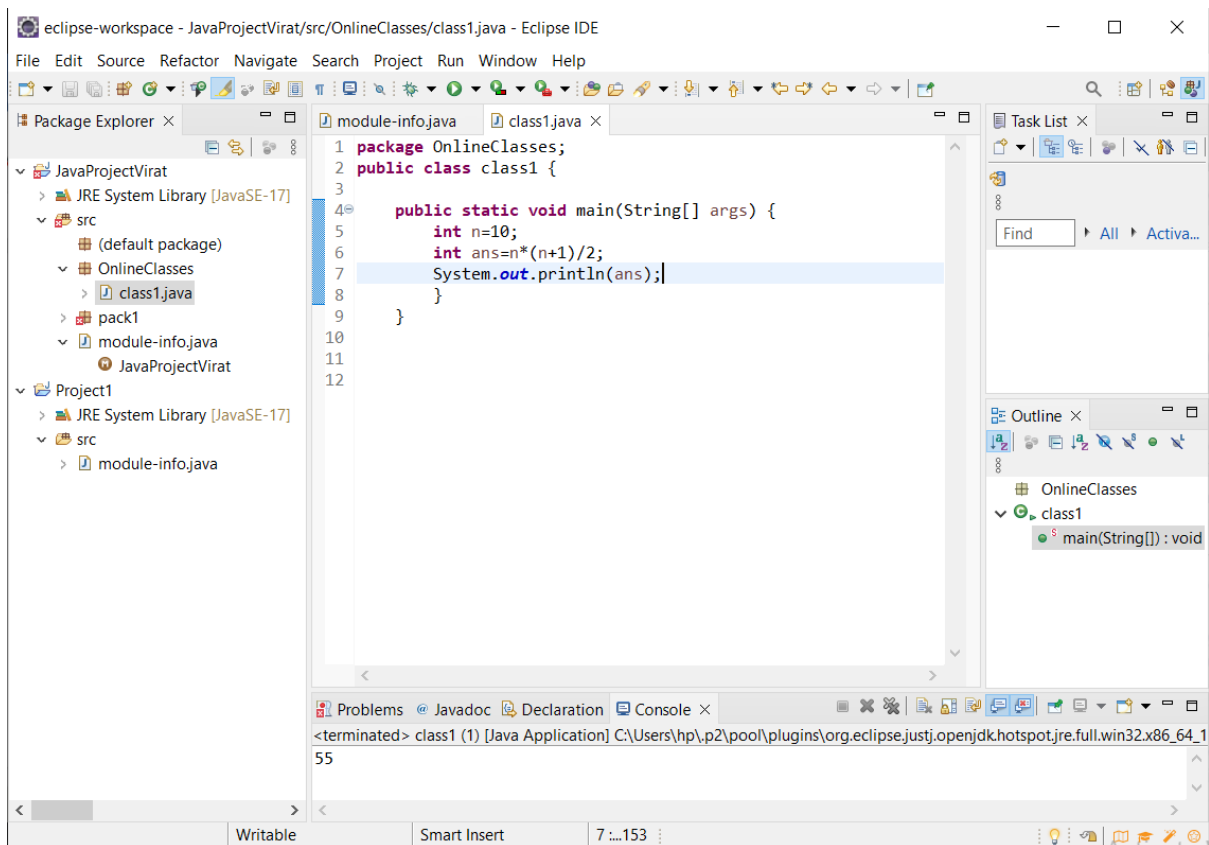
```
1 package OnlineClasses;
2 public class class1 {
3
4     public static void main(String[] args) {
5         int a=18,b=0;
6         for (int i=2;i<18;i++) {
7             if(18%i==0) {
8                 b=1;
9                 break;
10            }
11        }
12        if(b==1) {
13            System.out.println("The number is not prime");
14        }
15        else {
16            System.out.println("The number is prime");
17        }
18    }
19 }
20
21
22
```

The console at the bottom shows the output: 'The number is not prime'.

3.



4.



5.

