



Java

Problem Series

Java Program

Problem Series

17. PrintPrimes Problem

Code

The screenshot shows a Java code editor window with the following code:

```
1 // Program 17
2 // PrintPrimes Problem
3
4 class PrintPrimes{
    Run | Debug
5     public static void main(String[] a){
6         for(int n=2;n<=20;n++){
7             int c=0;
8             for(int i=1;i<=n;i++) if(n%i==0) c++;
9             if(c==2) System.out.print(n+" ");
10        }
11    }
12 }
13 
```

The code is a Java program that prints prime numbers from 2 to 20. It uses nested loops to check for divisibility and prints the number if it is only divisible by 1 and itself.

Output

```
C:\Windows\System32\cmd.e + v

D:\system\Java Problem>javac PrintPrimes.java

D:\system\Java Problem>java PrintPrimes
2 3 5 7 11 13 17 19
D:\system\Java Problem>
```

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Thank you !

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