

Question 1

Write a program to find the number and sum of all integers greater than 100 and less than 200 that are divisible by 7.

```
import java.io.*;

class Divide {
    public static void main(String args[]) {
        int i, sum = 0;
        System.out.println("The Numbers between 100 and 200 that are divisible by 7 are:");

        for (i = 101; i < 200; i++) {
            if (i % 7 == 0) {
                System.out.println(i);
                sum += i;
            }
        }

        System.out.println("The Sum of Numbers divisible by 7 is: " + sum);
    }
}
```

Output:

```
The Numbers between 100 and 200 that are divisible by 7 are:  
105  
112  
119  
126  
133  
140  
147  
154  
161  
168  
175  
182  
189  
196  
The Sum of Numbers divisible by 7 is: 2107
```