



```
for (int value : out) {  
    System.out.print("" + value + " ");  
}  
}  
  
public static int[] dropNumber(int[] input, int pos) {  
    if (input.length == 0 || pos >= input.length) {  
        throw new IllegalArgumentException();  
    }  
  
    int[] result = new int[input.length - 1];  
  
    for (int i = 0; i < pos; i++) {  
        result[i] = input[i];  
    }  
  
    for (int i = pos; i + 1 < input.length; i++) {  
        result[i] = input[i + 1];  
    }  
  
    return result;  
}
```

The image shows a network diagram with numerous nodes of various colors (purple, orange, yellow, red) connected by lines. The nodes are scattered across the page, with some clusters and many isolated connections. The lines are thin and colored in shades of purple, orange, and yellow, matching the nodes. The diagram is overlaid on a background of Java code, which is partially obscured by the nodes and lines. The code is a Java method named 'dropNumber' that takes an array 'input' and an integer 'pos' as arguments. It checks for edge cases, creates a new array 'result' of size 'input.length - 1', and then copies elements from 'input' to 'result' in two loops: one for elements before 'pos' and one for elements after 'pos' (shifting them one position to the left). Finally, it returns the 'result' array. The code is written in a monospaced font with syntax highlighting: keywords in blue, types in cyan, and literals in black.