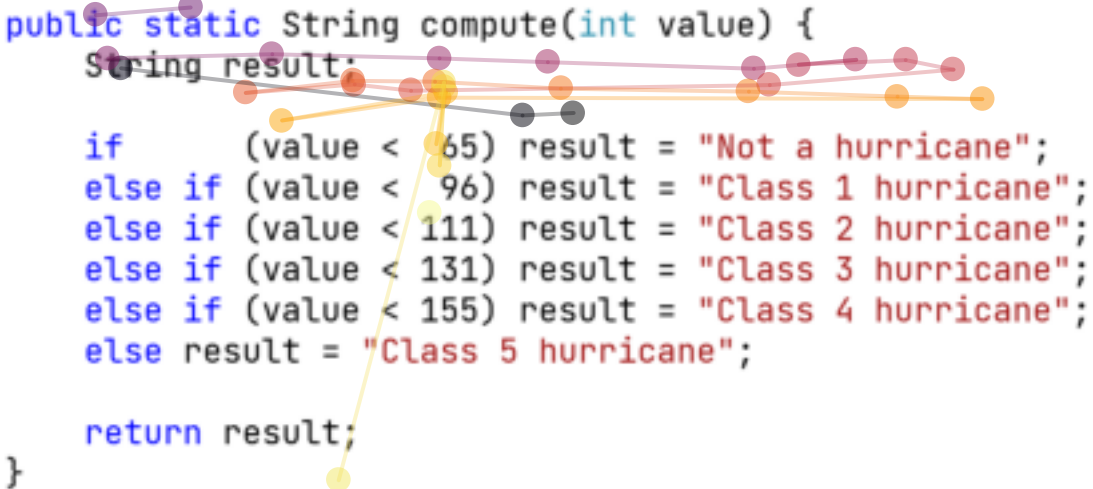


```
public static String compute(int value) {  
    String result;  
  
    if (value < 65) result = "Not a hurricane";  
    else if (value < 96) result = "Class 1 hurricane";  
    else if (value < 111) result = "Class 2 hurricane";  
    else if (value < 131) result = "Class 3 hurricane";  
    else if (value < 155) result = "Class 4 hurricane";  
    else result = "Class 5 hurricane";  
  
    return result;  
}
```



The image displays a control flow graph overlaid on a Java code snippet. The graph consists of nodes (colored circles) and edges (colored lines) representing the execution flow. The nodes are: a purple node at the start of the method, an orange node at the start of the 'if' statement, a grey node at the end of the 'if' statement, a yellow node at the end of the 'else if' chain, and a grey node at the end of the 'return' statement. The edges are: a purple line from the start node to the 'if' node, an orange line from the 'if' node to the 'else if' chain, a grey line from the 'else if' chain to the 'return' node, and a yellow line from the 'return' node to the end node.