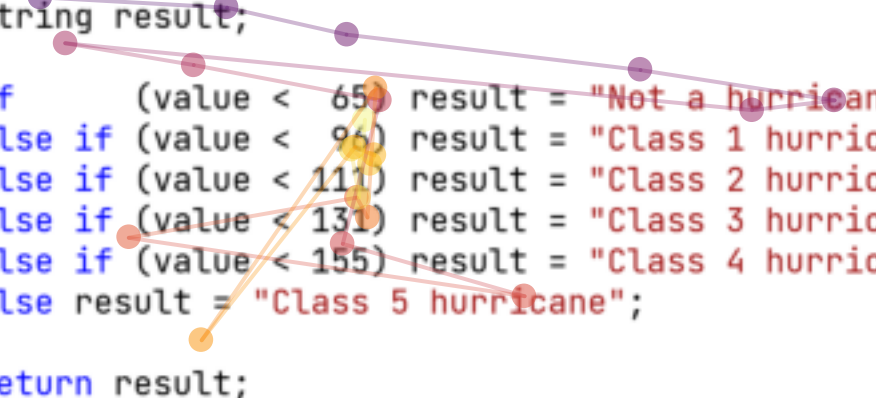


```
public static String compute(int value) {  
    String result;  
  
    if (value < 65) result = "Not a hurricane";  
    else if (value < 95) result = "Class 1 hurricane";  
    else if (value < 111) result = "Class 2 hurricane";  
    else if (value < 131) result = "Class 3 hurricane";  
    else 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 dots) and edges (colored lines) representing the execution flow. A purple path starts at the entry node, goes to the 'if' statement, and then to the 'Not a hurricane' branch. A red path starts at the entry node, goes to the 'if' statement, and then to the 'Class 1 hurricane' branch. An orange path starts at the entry node, goes to the 'if' statement, and then to the 'Class 2 hurricane' branch. A yellow path starts at the entry node, goes to the 'if' statement, and then to the 'Class 3 hurricane' branch. A red path starts at the entry node, goes to the 'if' statement, and then to the 'Class 4 hurricane' branch. A red path starts at the entry node, goes to the 'if' statement, and then to the 'Class 5 hurricane' branch. The graph shows that the code is a simple if-else chain where only one branch is executed based on the value of 'value'.