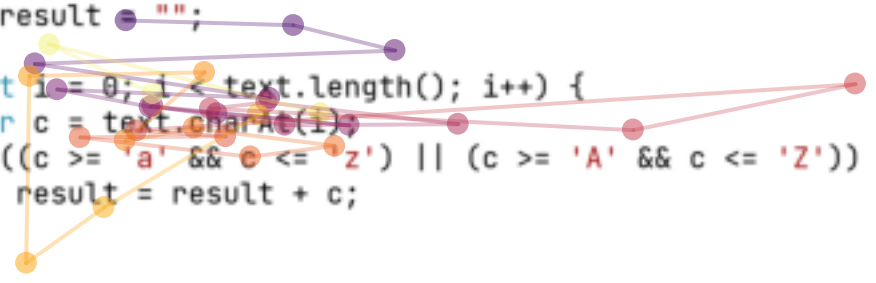


```
public static String compute(String text) {  
    String result = "";  
  
    for (int i = 0; i < text.length(); i++) {  
        char c = text.charAt(i);  
        if ((c >= 'a' && c <= 'z') || (c >= 'A' && c <= 'Z')) {  
            result = result + c;  
        }  
    }  
  
    return result;  
}
```



The image displays a control flow graph (CFG) overlaid on a Java code snippet. The CFG consists of nodes (colored circles) and edges (colored lines) representing the execution flow of the program. The nodes are color-coded: purple for the entry and the loop header, yellow for the loop body entry, orange for the loop body, and red for the exit path. The edges show the flow from the entry node to the loop header, from the loop header to the loop body entry, and from the loop body back to the loop header. The exit path leads from the loop body to the return statement.