

```

1  /**
2  * Pretty prints {@code this} to the given stream {@code out} {@code offset}
3  * spaces from the left margin using
4  * {@link components.program.Program#INDENT_SIZE Program.INDENT_SIZE} spaces
5  * for each indentation level.
6  *
7  * @param out
8  *         the output stream
9  * @param offset
10 *        the number of spaces to be placed before every nonempty line
11 *        of output; nonempty lines of output that are indented further
12 *        will, of course, continue with even more spaces
13 * @updates out.content
14 * @requires out.is_open and 0 <= offset
15 * @ensures <pre>
16 * out.content =
17 *   #out.content * [this pretty printed offset spaces from the left margin
18 *                   using Program.INDENT_SIZE spaces for indentation]
19 * </pre>
20 */
21 public void prettyPrint(SimpleWriter out, int offset) {
22     switch (this.kind()) {
23         case BLOCK: {
24
25             // TODO - fill in case
26             out.println(BLOCK);
27             break;
28         }
29         case IF: {
30
31             // TODO - fill in case
32             out.println(IF);
33             break;
34         }
35         case IF_ELSE: {
36
37             // TODO - fill in case
38             out.println(IF_ELSE);
39             break;
40         }
41         case WHILE: {
42
43             // TODO - fill in case
44             out.println(WHILE);
45             break;
46         }
47         case CALL: {
48
49             // TODO - fill in case
50             // I need to work on BW language still.
51             out.println(CALL);
52             break;
53         }
54         default: {
55             // this will never happen...
56             break;
57         }
58     }
59 }

```