

| LINE | COL | TOKEN    | LEXEME   |
|------|-----|----------|----------|
| 1    | 1   | FUNCTION | function |
| 1    | 10  | ID       | sum      |
| 1    | 13  | LPAREN   | (        |
| 1    | 14  | ID       | a        |
| 1    | 15  | COMMA    | ,        |
| 1    | 17  | ID       | b        |
| 1    | 18  | RPAREN   | )        |
| 1    | 20  | LBRACE   | {        |
| 2    | 3   | LET      | let      |
| 2    | 7   | ID       | total    |
| 2    | 13  | ASSIGN   | =        |
| 2    | 15  | ID       | a        |
| 2    | 17  | PLUS     | +        |
| 2    | 19  | ID       | b        |
| 2    | 20  | SEMI     | ;        |
| 3    | 3   | IF       | if       |
| 3    | 6   | LPAREN   | (        |
| 3    | 7   | ID       | total    |
| 3    | 13  | GE       | >=       |
| 3    | 16  | NUM      | 10       |
| 3    | 19  | AND      | &&       |
| 3    | 22  | TRUE     | true     |
| 3    | 26  | RPAREN   | )        |
| 3    | 28  | LBRACE   | {        |
| 4    | 5   | RETURN   | return   |
| 4    | 12  | ID       | total    |
| 4    | 17  | SEMI     | ;        |
| 5    | 3   | RBRACE   | }        |

|   |    |        |        |
|---|----|--------|--------|
| 5 | 5  | ELSE   | else   |
| 5 | 10 | LBRACE | {      |
| 6 | 5  | RETURN | return |
| 6 | 12 | NUM    | 0      |
| 6 | 13 | SEMI   | ;      |
| 7 | 3  | RBRACE | }      |
| 8 | 1  | RBRACE | }      |
| 9 | 1  | EOF    | EOF    |