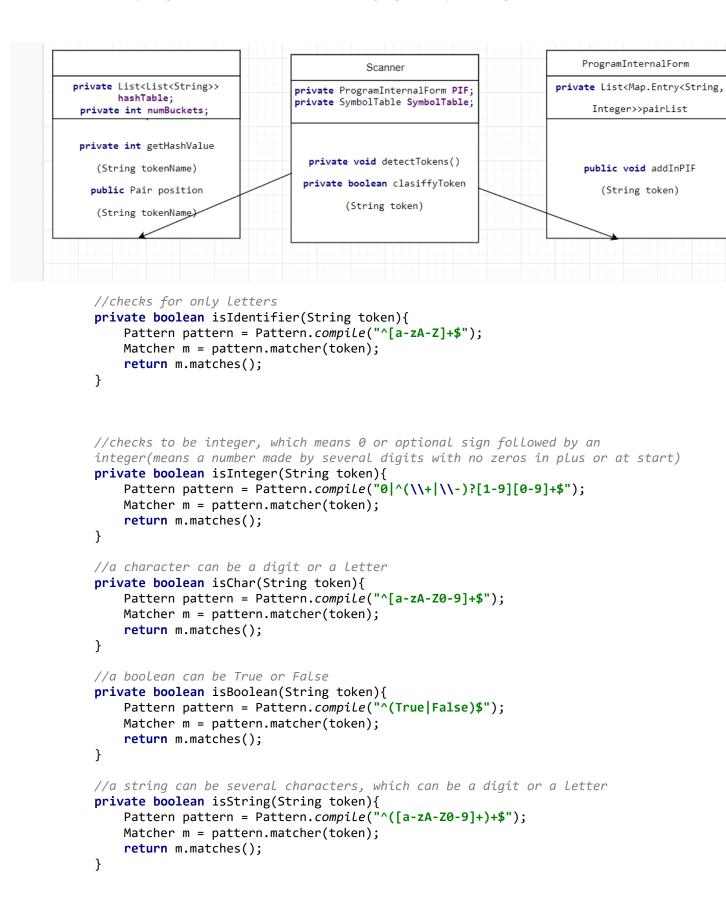
## Tatar Flavia-Andreea

Git: https://github.com/tatarflavia/Formal-Languages-Compiler-Design-LAB/tree/main/lab3



```
//is constant if it's an integer, boolean, string or char
private boolean isConstant(String token){
    return isInteger(token) || isBoolean(token) || isString(token) ||
isChar(token);
//is reserved word if it's list, int, bool, Initialise, char, string, Print, Read,
Do, If, Else, While, For, Return
private boolean isReservedWord(String token){
    Pattern pattern =
Pattern.compile("^(list|int|bool|Initialise|Read|Do|While|If|char|string|Print|Els
e|For|Return)$");
    Matcher m = pattern.matcher(token);
    return m.matches();
}
//is operator if it's "+" "-" "*" "/" "<" ">" "<=" "==" ">=" "sart" "&&"
"not"
private boolean isOperator(String token){
    Pattern pattern = Pattern.compile("^(\\+|\\-
|\\*|\\/|\\<|\\=|\\=\\=|\\>\\=|sqrt|\\&\\&|not)$");
    Matcher m = pattern.matcher(token);
    return m.matches();
}
//is separator if it's (); {}
private boolean isSeparator(String token){
    Pattern pattern = Pattern.compile("^(\(\))|\(\))");
    Matcher m = pattern.matcher(token);
    return m.matches();
}
```