## **Compiler Construction Project**

## All Features:

- 1. Main function
- 2. Expressions
  - a. > Greater Than
  - b. < Less Than
  - c. == Is Equal
  - d. != Is Not Equal
  - g. >= Greater Than or Equal
  - f. <= Less Than or Equal
  - e. || OR
  - k. && And
  - m.! Not
- 3. Comments
- 4. Variable declaration
  - a. Integer
  - b. Char
  - c. Float
  - d. Boolean
  - g. Double
- 5. IF ELSE Block
- 6. Variable assignment
- 7. For loop
- 8. While loop

- 9. Switch Statement
- 10. Mathematical Expression
  - a. Addition +
  - b. Subtraction -
  - c. Multiplication \*
  - d. Division /
  - e. Modulus %
  - f. Power ^
  - 11. Print Function
  - 12. Print Line Function

**Team: Franko language** 

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