

Resource Computer Language

(E) (R) (I) (C)

Excessively Intensive

E.R.I.C Functions

- Print
- Input
- Declaring Variables
- Arithmetic Operations
- For loops
- If statements

Lexer Function

```
#lexer function that groups the tokens together in a list.
def lex(filecontents):
    tokens = []
   tok = ""
   state=0
   varstarted = 0
    string=""
   filecontents = list(filecontents)
    for char in filecontents:
        tok += char
       if tok == " ":
           if varstarted == 1:
                tokens.append("VAR:" + var)
                varstarted = 0
```

The lexer function groups all the tokens from a certain file and appends them into a list of tokens.

The resulting list will be returned by the function.

Parser Function

```
parse(toks):
    if toks[i] == "FIN":
            ericPrint(toks[i + 1])
            ericPrint(toks[i+1])
            ericPrint(toks[i + 1])
            ericPrint(getVariable(toks[i+1]))
```

The parser function takes the resulting list of the lexer function as an argument and iterates through it. It decides what the resulting order of the token list will output.

Difficulties

Obstacles that occur in the making of our project

Limited Knowledge

We are studying how to make our own language in the process of making this project

Online Meetings

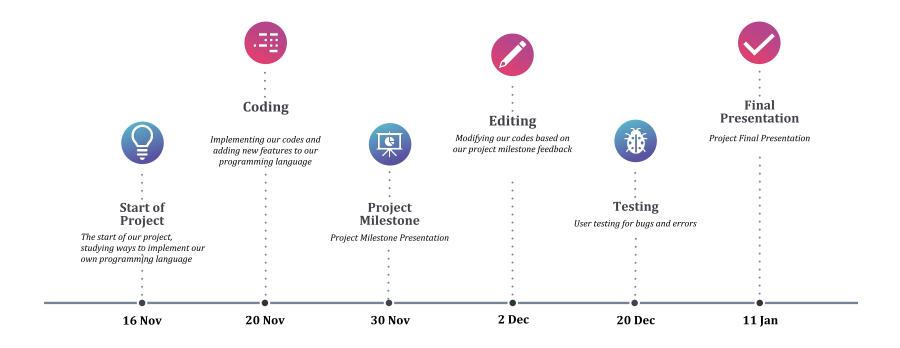
Online meetings are harder to follow. Especially when it comes to working on projects



Time

Hard to keep up with other projects and assignments, as well as keeping up with each member's schedule

Time Table



Project Demo

