

Assignment 2

1. Implement Deterministic Finite Automata for real.

Ex. Input
 12.12,
 12.1.1,
 12.a

2. Implement Scanner for generating token for operators and constant from the file.

Input:

```
int main() {  
    for (int i = 1, j = 5; i < 20; i += j % 4, j *= 2) i ^= j & 3, j -= 3;  
    return 0;  
}
```

3. Implement Scanner for generating token for keywords and identifier from the file.

Ex. Input:
 int main() {
 for (int a = 1, b = 2; a < 20; a += b) { int c = a % 5, d = b + c; b = d ; }
 return 0;
 }