

test1.txt × LFT - Tema 2.pdf test2.txt test3.txt test4.txt test5.txt test6.txt test7.txt test8.txt

test1.txt

```
1 app_name = "NumeleAplicatiei";
2
3 users = [
4     { name = "Ana", age = 23 },
5     { name = "Bogdan", age = 30 }
6 ];
7
8 #ceva
9
10 settings = {
11     mode = "development",
12     logging = true,
13     max_users = 100
14 };
15
16 permissions = [
17     { user = "Ana", rights = ["read", "write"] },
18     { user = "Bogdan", rights = ["read"] }
19 ];
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bash + - [] [X] ... ^ X

```
Number of users: 2
User: Ana 23
User: Bogdan 30
Mode: development
Logging: true
Max users: 100
User: Ana
  Right: read
  Right: write
User: Bogdan
  Right: read
```

ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$

Ln 16, Col 16 Spaces: 4 UTF-8 LF {} Plain Text

test1.txt

LFT - Tema 2.pdf

test2.txt X

test3.txt

test4.txt

test5.txt

test6.txt

test7.txt

test8.txt



test2.txt

```
1 app_name = "TestApp";
2 users = [
3   { name = "John", age = 20 },
4   { name = "Alice", age = 25 }
5 ];
6 settings = {
7   mode = "production",
8   logging = false,
9   max_users = 200
10 };
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bash + - [] [X] ... ^ X

ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$./a.exe < test2.txt
Parsing successful!

```
App Name: TestApp
Number of users: 2
User: John 20
User: Alice 25
Mode: production
Logging: false
Max users: 200
```

ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$

Ln 8, Col 19 Spaces: 4 UTF-8 LF {} Plain Text

test1.txt

 LFT - Tema 2.pdf

test2.txt

test3.txt X

test4.txt

test5.txt

test6.txt

test7.txt

test8.txt

☐ ...

test3.txt

```
1 app_name = "TestApp";
2 users = [
3   {name = "John", age = 20},
4   {name = "Alice"} # missing age
5 ];
6 settings = {
7   mode = "production",
8   logging = maybe # invalid value
9 };
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bash + ▾ ☐ 🗑️ ... ^ X

❌ ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$./a.exe < test3.txt

Syntax error: syntax error

Syntax error: Invalid user format - expected: {name="...", age=...}

Parsing failed!

❖ ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$

test1.txt

LFT- Tema 2.pdf

test2.txt

test3.txt

test4.txt X

test5.txt

test6.txt

test7.txt

test8.txt

...

test4.txt

```
1 app_name = "TestApp";
2 users = [
3     { name = "John", age = 20 },
4     { name = "Alice", age = 25 }
5 ]
6 settings = {
7     mode = "production",
8     logging = false,
9     max_users = 200
10 };
```

100% 200/200
100% 200/200

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bash + - [] [] ... ^ X

ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$./a.exe < test4.txt


Syntax error: syntax error

Syntax error: Missing semicolon after USERS section

Parsing failed!

ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$

test1.txt

 LFT - Tema 2.pdf

test2.txt

test3.txt

test4.txt

test5.txt

test6.txt

test7.txt

test8.txt



test5.txt

```
1  app_name = "TestApp";
2  users =
3      { name = "John", age = 20 },
4      { name = "Alice", age = 25 }
5  ];
6  settings = {
7      mode = "production",
8      logging = false,
9      max_users = 200
10 };
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

COMMENTS

bash + ▾   ... ^ X

✖ ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$./a.exe < test5.txt

Syntax error: syntax error

Syntax error: Missing '[' after USERS =


Parsing failed!

❖ ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2\$

```
ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2$
```


≡ test7.txt

```
1 app_name = "NumeleAplicatiei";
2
3 users = [
4     { name = "Ana", age = 23 },
5     { name = "Bogdan", age = 30 }
6 ];
7
8 #ceva
9
10 settings = {
11     mode = "development",
12     logging = true,
13     max_users = 100
14 };
15
16 permissions = [
17     { user = "Ana", rights = ["read", "write"] },
18     { user = "Bogdan", rights = ["read", "default"] }
19 ];
```



```
ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2$ ./a.exe < test7.txt
```

```
Syntax error: Invalid right 'default'! Must be one of: read, write, execute
```

Parsing successful!

```
App Name: NumeleAplicatiei
```

```
Number of users: 2
```

User: Ana 23

User: Bogdan 30

```
Mode: development
```

```
Logging: true
```

Max users: 100

User: Ana

test1.txt LFT - Tema 2.pdf test2.txt test3.txt test4.txt test5.txt test6.txt test7.txt test8.txt

```
test8.txt
1  app_name = "NumeleAplicatiei";
2
3  users = [
4      { name = "Ana", age = 23 },
5      { name = "Bogdan", age = 30 }
6  ];
7
8  #ceva
9
10
11 permissions = [
12     { user = "Ana", rights = ["read", "write"] },
13     { user = "Bogdan", rights = ["read", "default"] }
14 ];
```

test8.txt

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bash + - [] [] ... ^ x

```
ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2$ ./a.exe < test8.txt
Syntax error: syntax error
Syntax error: Syntax error in program structure
Parsing failed!
ubuntu@ubuntu:~/SharedFolder/Formal-Languages-and-Translators-Labs/Assignment 2$
```