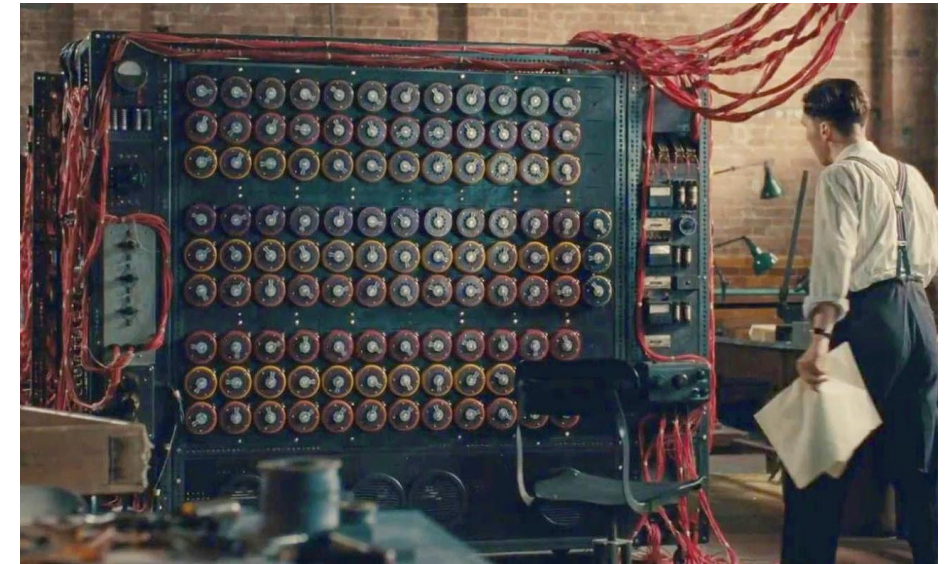
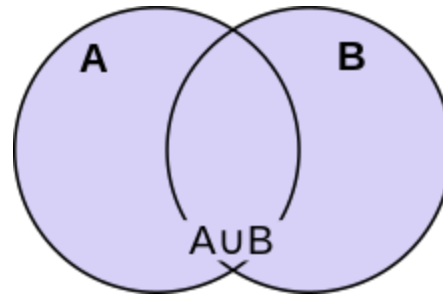
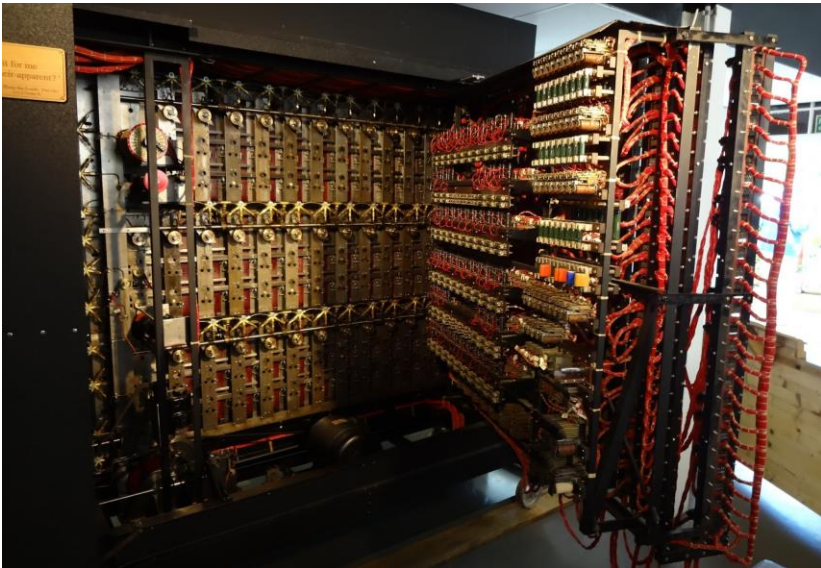
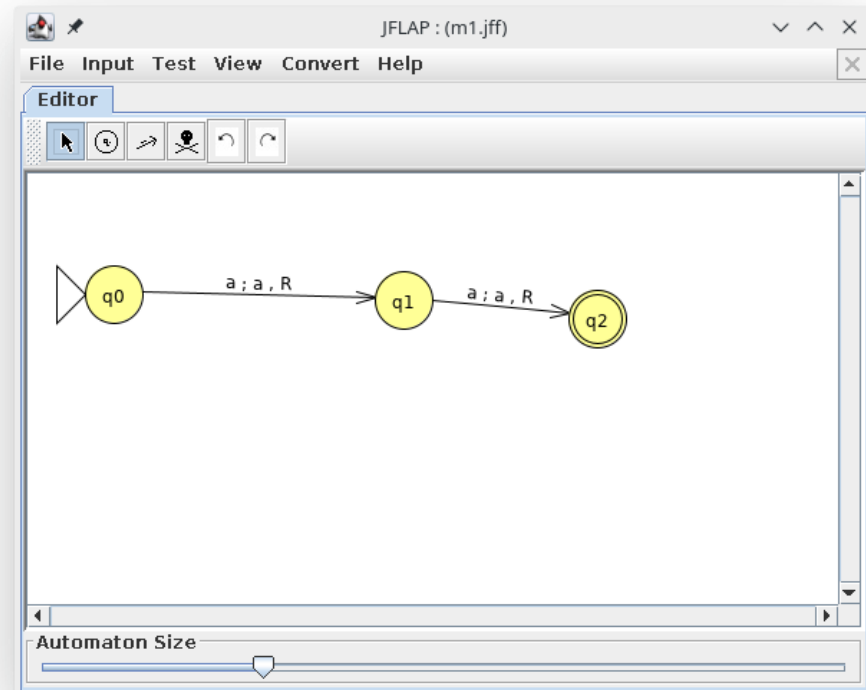
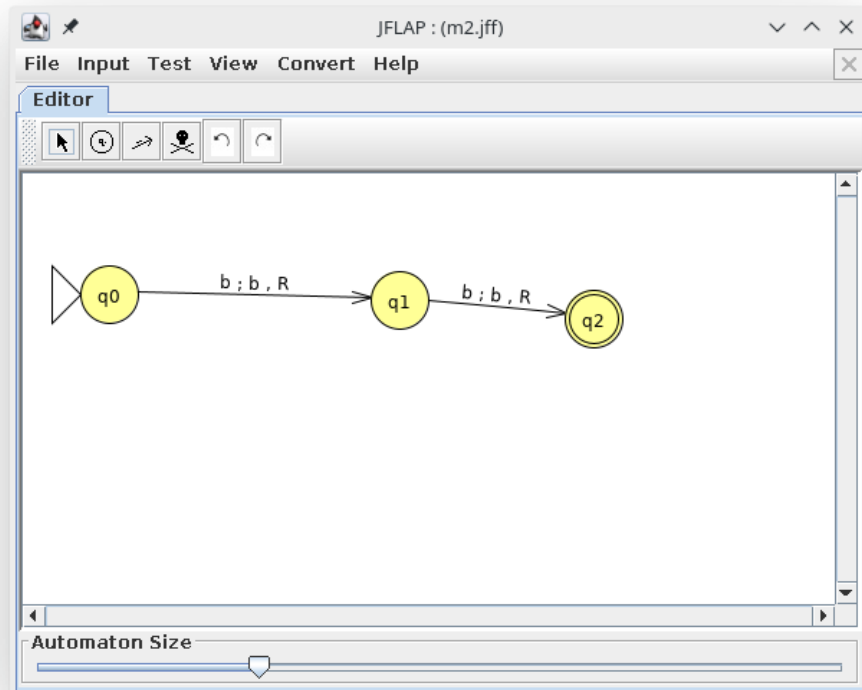


União de Maquinas de Turing



Passo 1

Converter Maquinas de Turing no formato JFLAP para arquivos .txt



m1.txt - Automatos-master - Visual Studio Code

Arquivo Editar seleção Exibir Ir Debug Terminal Ajuda

Uniao.py Out.txt m2.txt m1.txt x

```
1 a
2 B a
3 B
4 0 1 2
5 0
6 2
7 1
8 0 1 a a R
9 1 2 a a R
```

Python 3.7.2 64-bit 0 0 Go Live Ln 10, 1 Col Espaços: 4 UTF-8 LF Texto Sem Formatação Formatting: x 2

m2.txt - Automatos-master - Visual Studio Code

Arquivo Editar seleção Exibir Ir Debug Terminal Ajuda

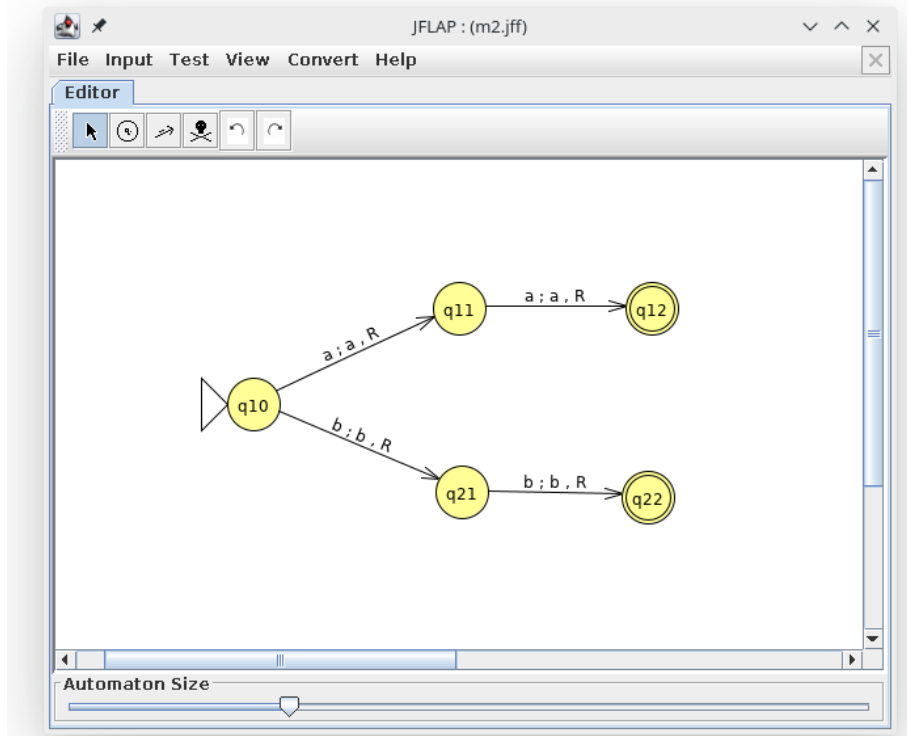
Uniao.py Out.txt m2.txt x m1.txt

```
1 b
2 B b
3 B
4 0 1 2
5 0
6 2
7 1
8 0 1 b b R
9 1 2 b b R
```

Python 3.7.2 64-bit 0 0 Go Live Ln 1, 1 Col Espaços: 4 UTF-8 LF Texto Sem Formatação Formatting: x 2

Passo 2

Ler arquivos .txt e gerar um novo arquivo contendo a união das Maquinas

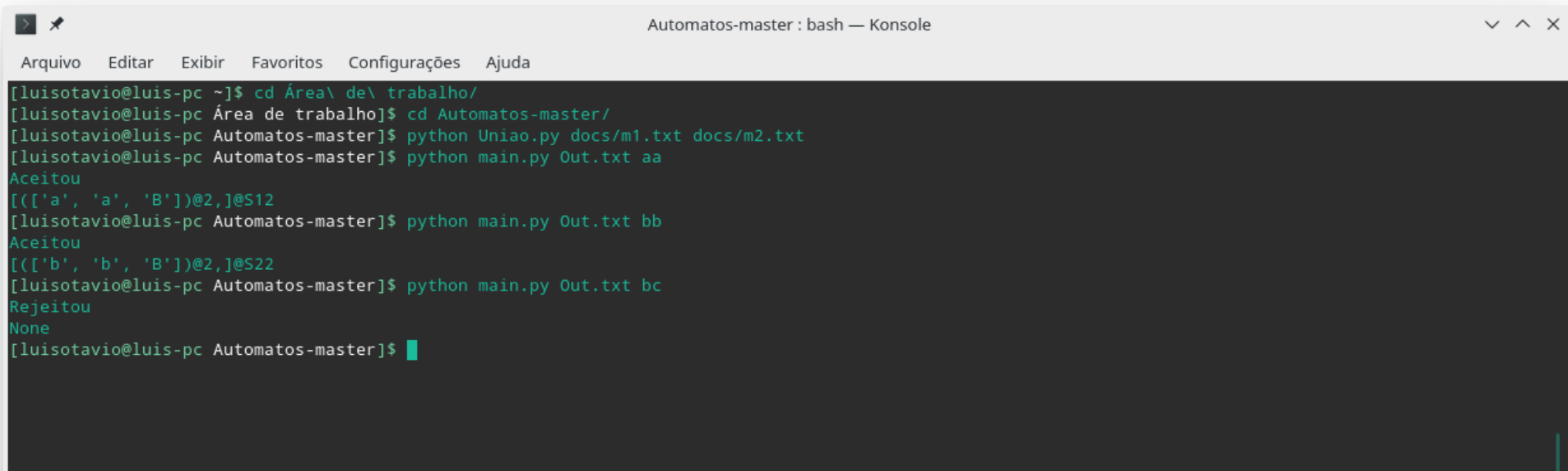


The Visual Studio Code window shows the output of the automaton union process. The file 'Out.txt' contains the following text:

```
1 a b
2 a B b
3 B
4 10 11 12 21 22
5 10
6 12 22 |
7 1
8 10 11 a a R
9 11 12 a a R
10 10 21 b b R
11 21 22 b b R
```

Passo 3

Executar o novo arquivo como sendo uma unica Maquina



```
Automatos-master : bash — Konsole
Arquivo  Editar  Exibir  Favoritos  Configurações  Ajuda
[luisotavio@luís-pc ~]$ cd Área\ de\ trabalho/
[luisotavio@luís-pc Área de trabalho]$ cd Automatos-master/
[luisotavio@luís-pc Automatos-master]$ python Uniao.py docs/m1.txt docs/m2.txt
[luisotavio@luís-pc Automatos-master]$ python main.py Out.txt aa
Aceitou
[[['a', 'a', 'B']]@2,]@S12
[luisotavio@luís-pc Automatos-master]$ python main.py Out.txt bb
Aceitou
[[['b', 'b', 'B']]@2,]@S22
[luisotavio@luís-pc Automatos-master]$ python main.py Out.txt bc
Rejeitou
None
[luisotavio@luís-pc Automatos-master]$
```

OBRIGADO!

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Luiz Henrique de Barros

