

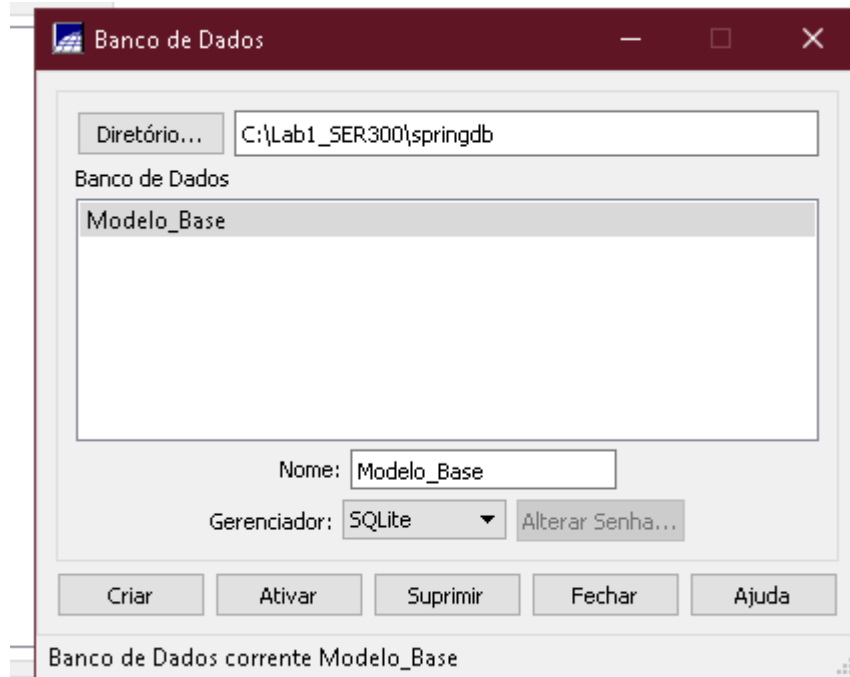
Laboratório 01 – SER 300 – Introdução ao Geoprocessamento Modelagem da Base de Dados: Base de Dados Georreferenciados para Estudos Urbanos no Plano Piloto de Brasília

Docente: Dr. Antônio Miguel Vieira Monteiro

Discente: Carla Patrícia de Souza

Exercício 1 – Modelagem do Banco – OMT-G p/ SPRING

1) Banco de dados



2) Projeto

Projeto

Projeto

DF

Nome: DF

Projeção... UTM/Datum->SAD69

Projeção de Referência

Projeção

Retângulo Envolvente

Coordenadas: GMS GD Planas

X1: 146465.9696 X2: 254090.8586

Y1: 8221030.8834 Y2: 8286579.5752

Hemisfério: N S N S

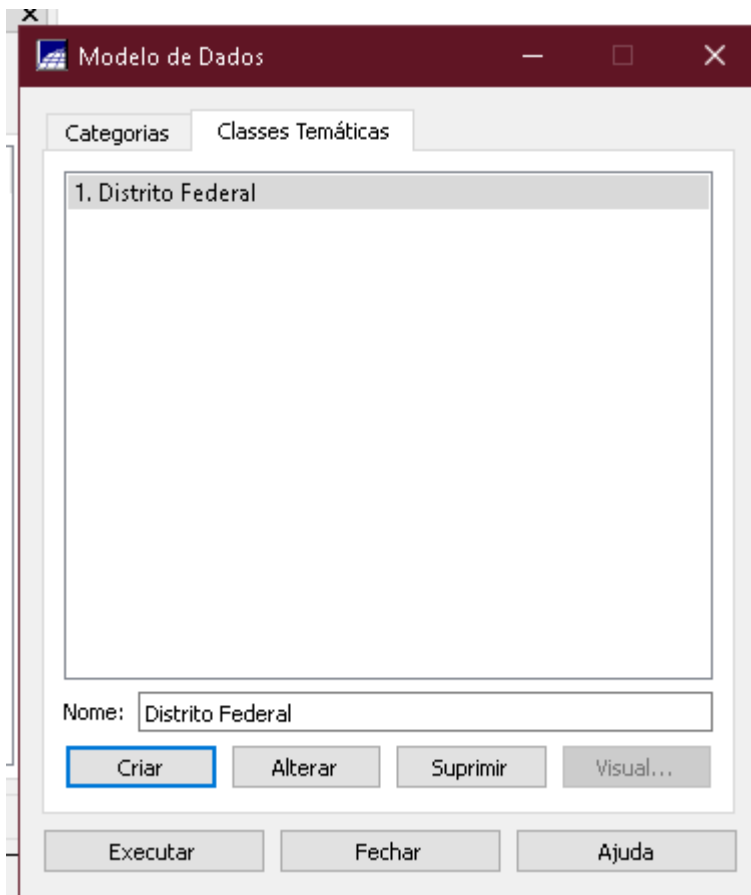
Criar Ativar Desativar Alterar Suprimir

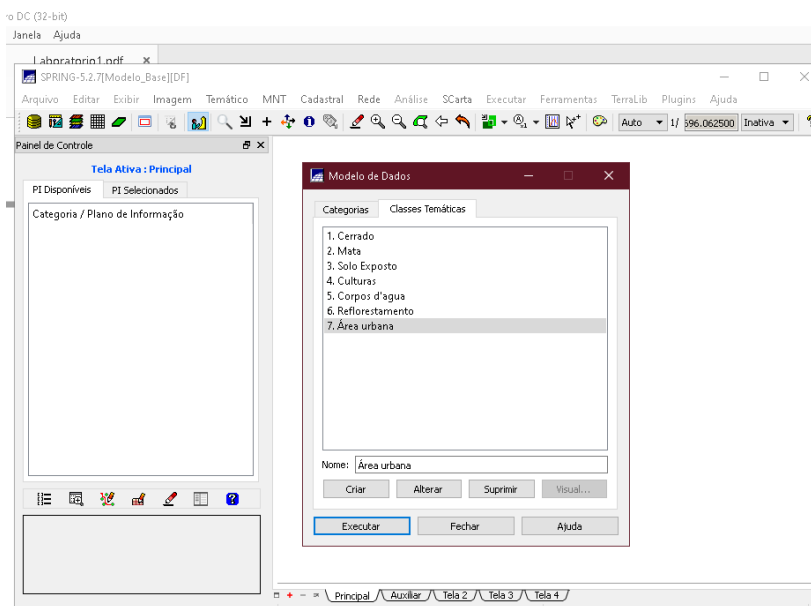
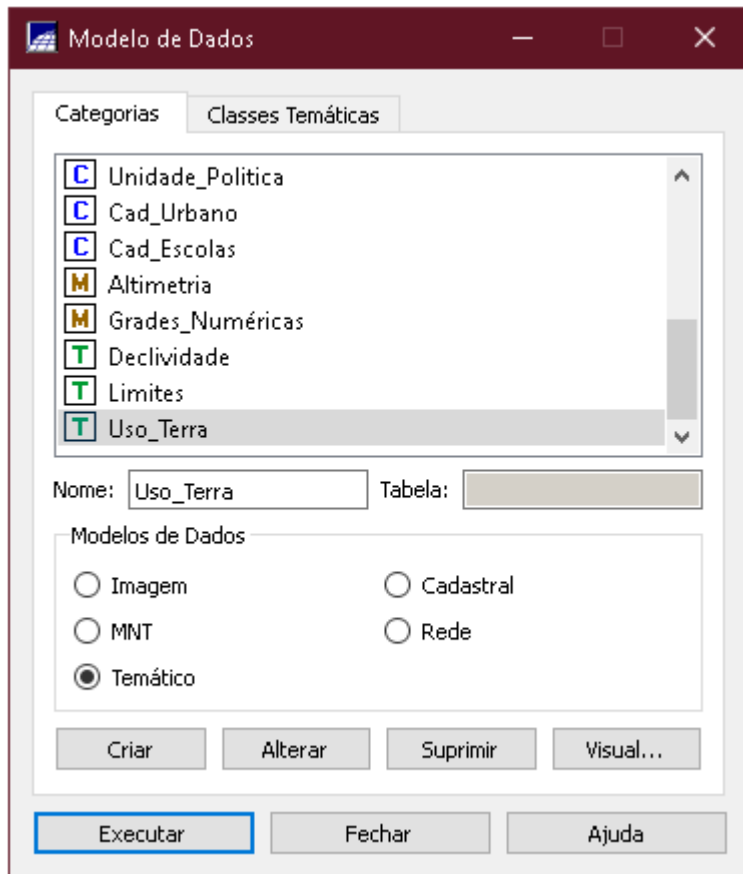
Fechar Ajuda

Projeto corrente: DF

Manhum Di stia

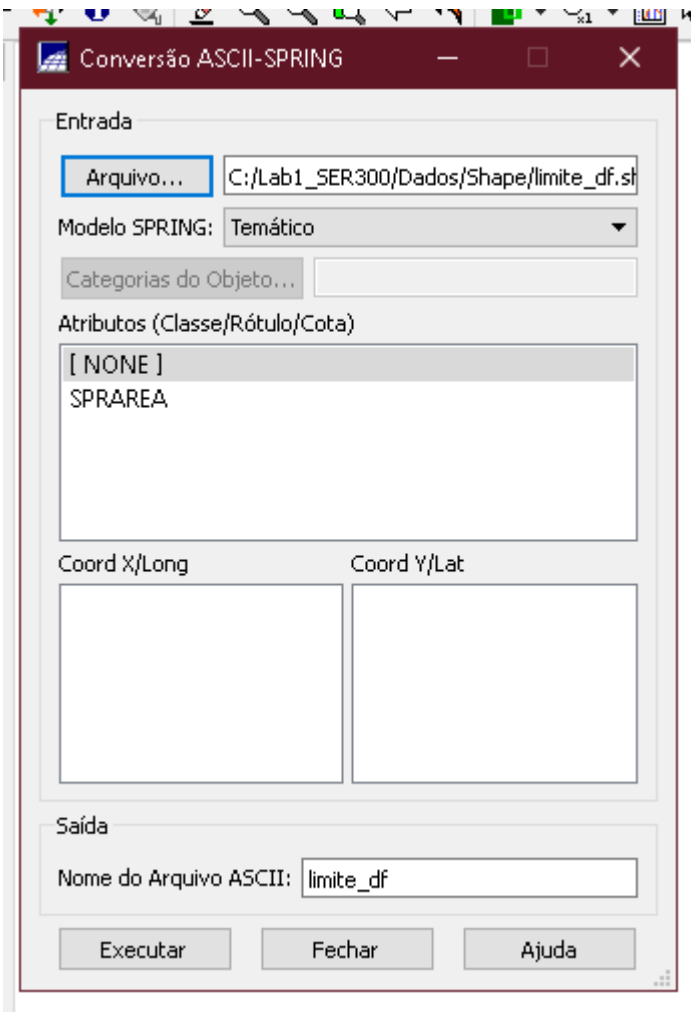
3) Criar categorias





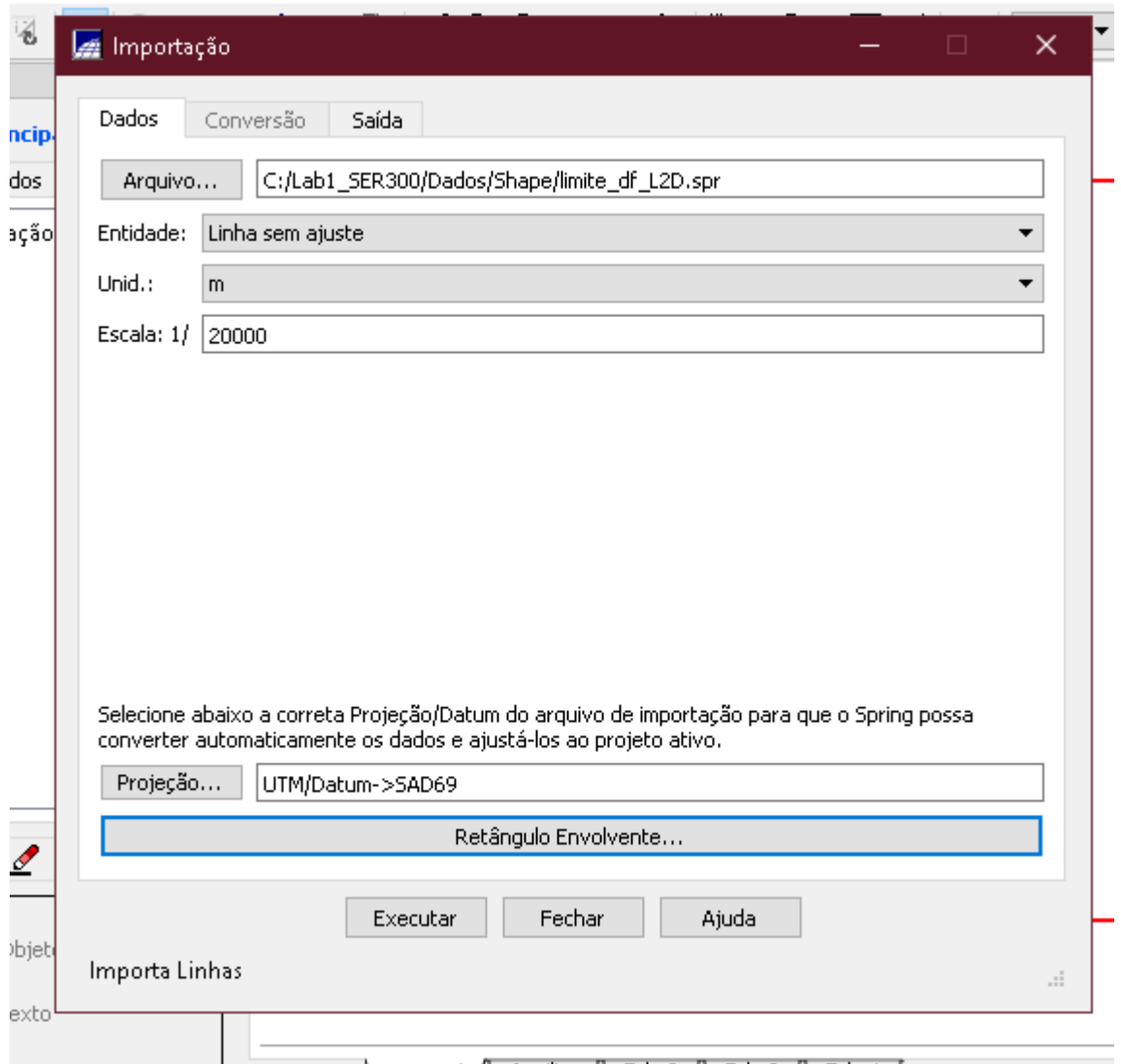
Exercício 2 – Importando Limite do Distrito Federal

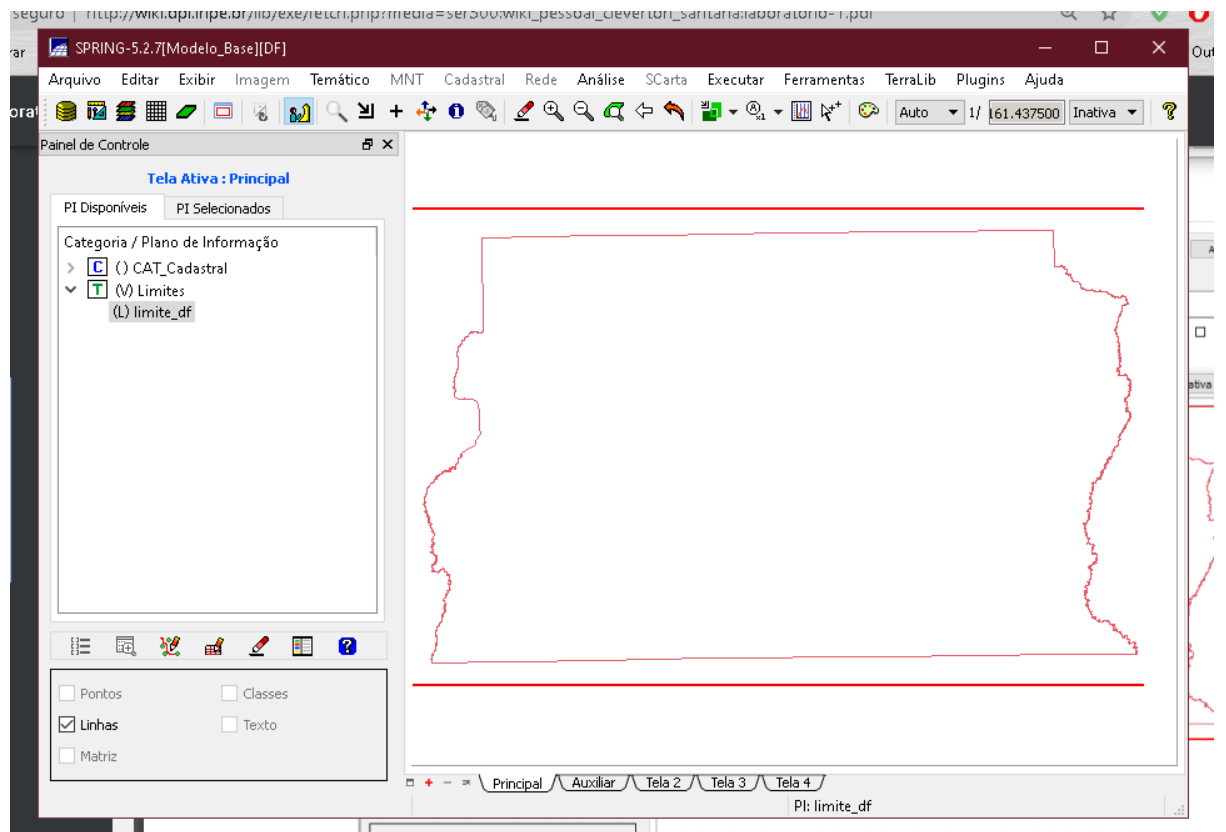
1) Conversão para ASCII-SPRING



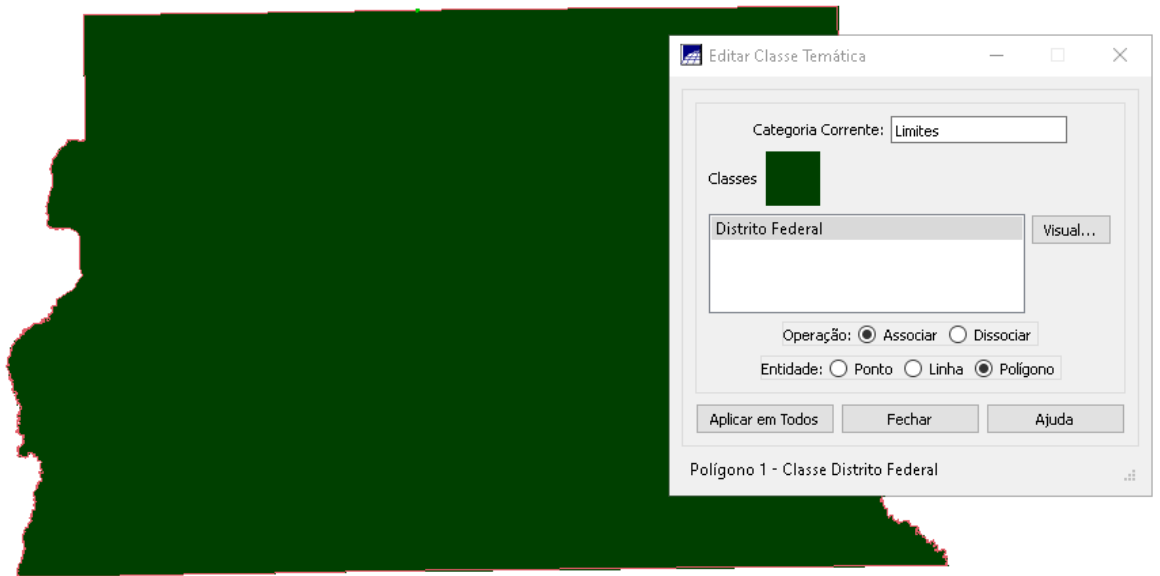
> Este Computador > Disco Local (C:) > Lab1_SER300 > Dados > Shape

	Nome	Data de modificação	Tipo	Tamanho
10	escolas.dbf	14/08/2001 17:01	Arquivo DBF	571 KB
	escolas.shp	19/07/2001 22:38	Arquivo SHP	23 KB
	escolas.shx	19/07/2001 22:38	Arquivo SHX	7 KB
	limite_df.dbf	01/09/2009 11:23	Arquivo DBF	1 KB
	limite_df.prj	01/09/2009 11:28	Arquivo PRJ	1 KB
	limite_df.shp	01/09/2009 11:28	Arquivo SHP	151 KB
	limite_df.shx	01/09/2009 11:28	Arquivo SHX	1 KB
	limite_df_L2D.spr	08/06/2021 00:40	Arquivo SPR	301 KB
	limite_df_LAB.spr	08/06/2021 00:40	Arquivo SPR	1 KB
iles	Rios_lin.dbf	03/04/2012 22:53	Arquivo DBF	3,089 KB
	Rios_lin.shp	03/04/2012 22:53	Arquivo SHP	6,537 KB
	Rios_lin.shx	03/04/2012 22:53	Arquivo SHX	467 KB
	Rios_pol.dbf	03/04/2012 23:03	Arquivo DBF	3 KB
ir	Rios_pol.shp	03/04/2012 23:03	Arquivo SHP	608 KB
10	Rios_pol.shx	03/04/2012 23:03	Arquivo SHX	1 KB



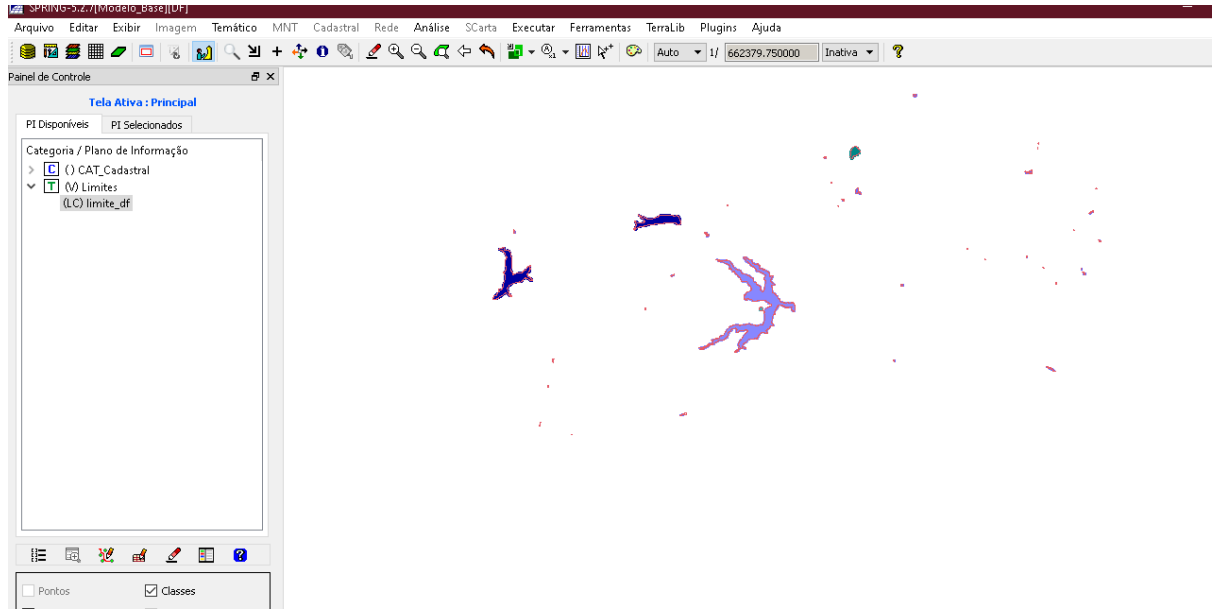


Passo 3 - Ajustar, Poligonalizar e Associar a classe temática

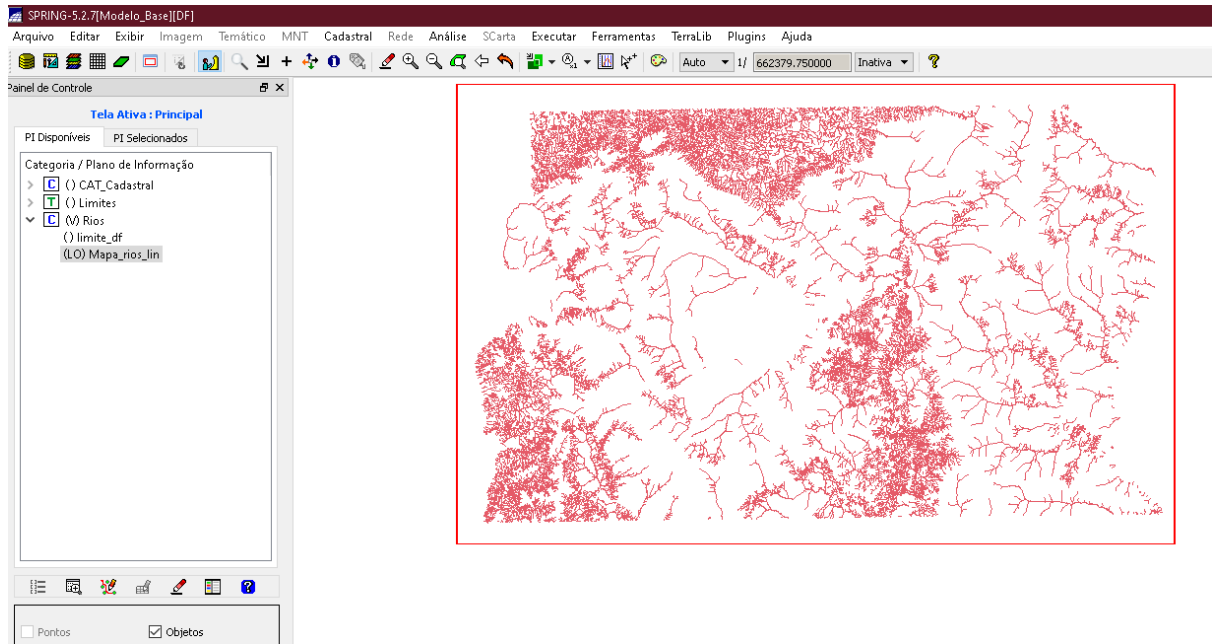


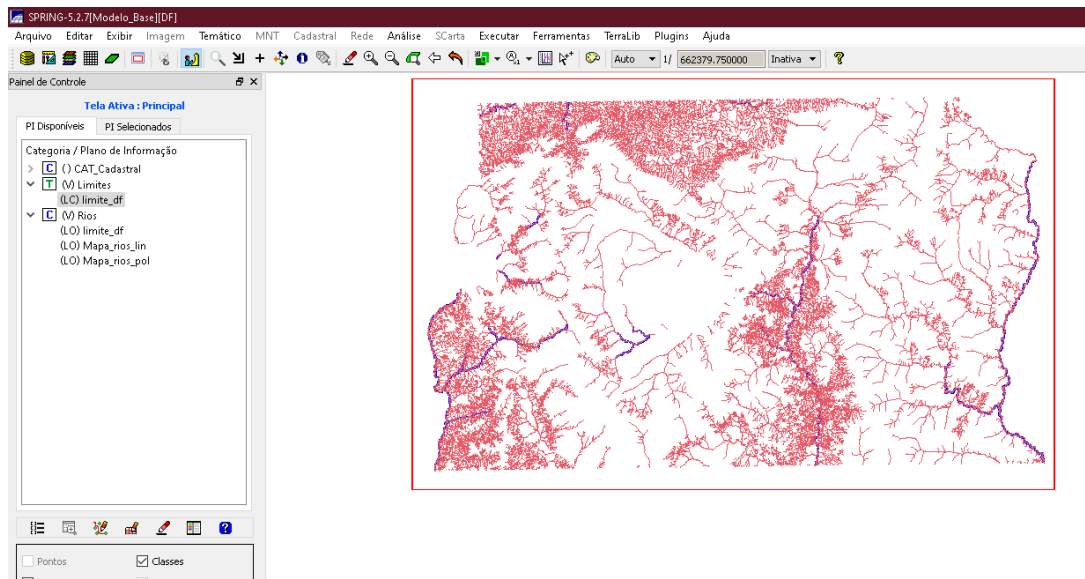
Exercício 3 – Importando Corpos de Água

1)

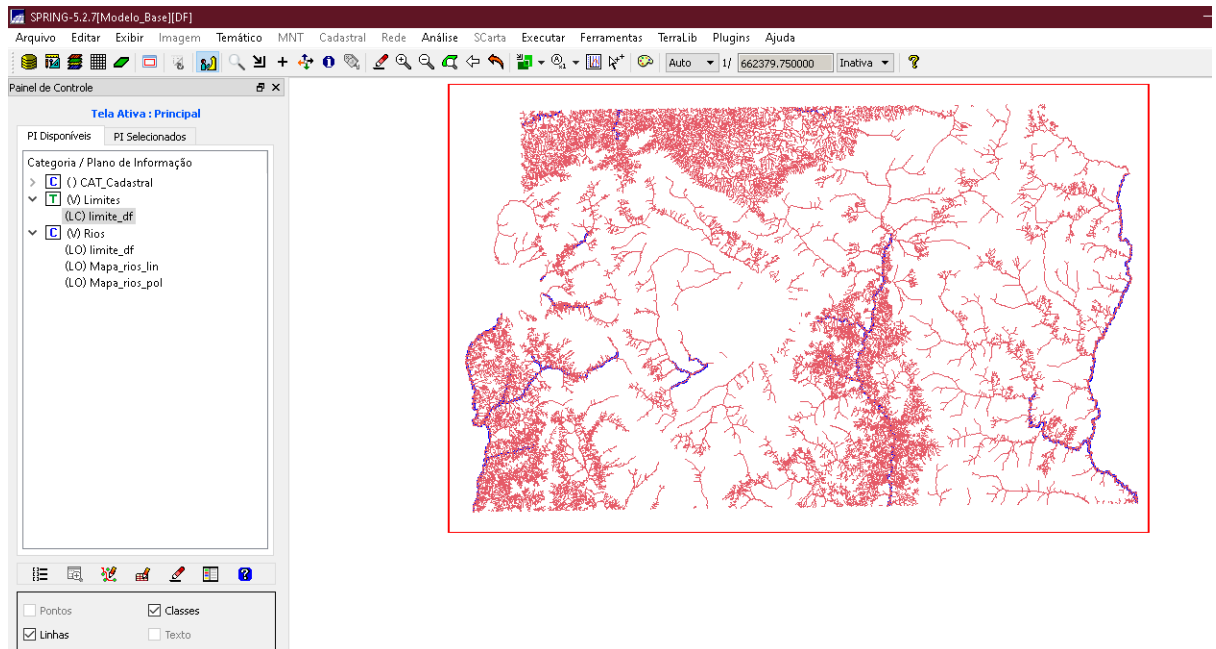


Exercício 4 – Importando Rios de arquivo Shape

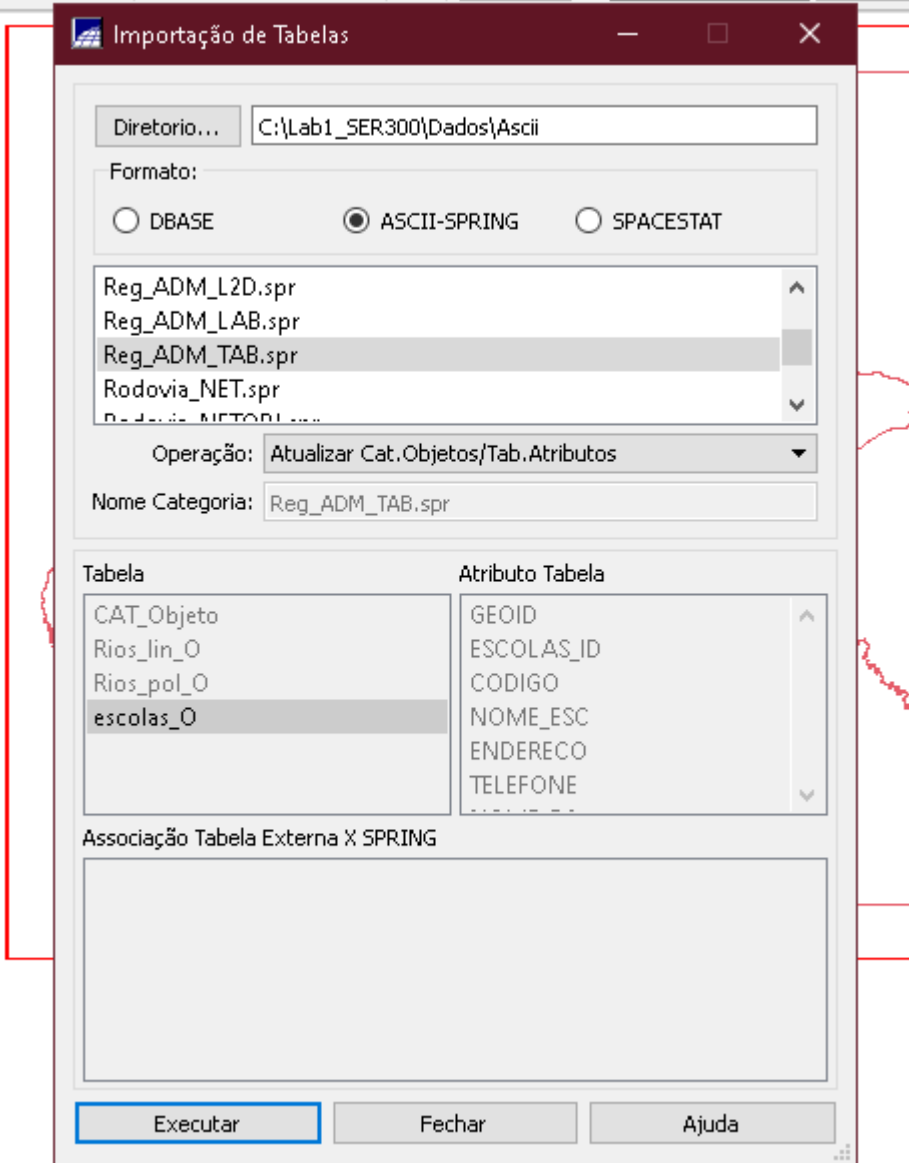
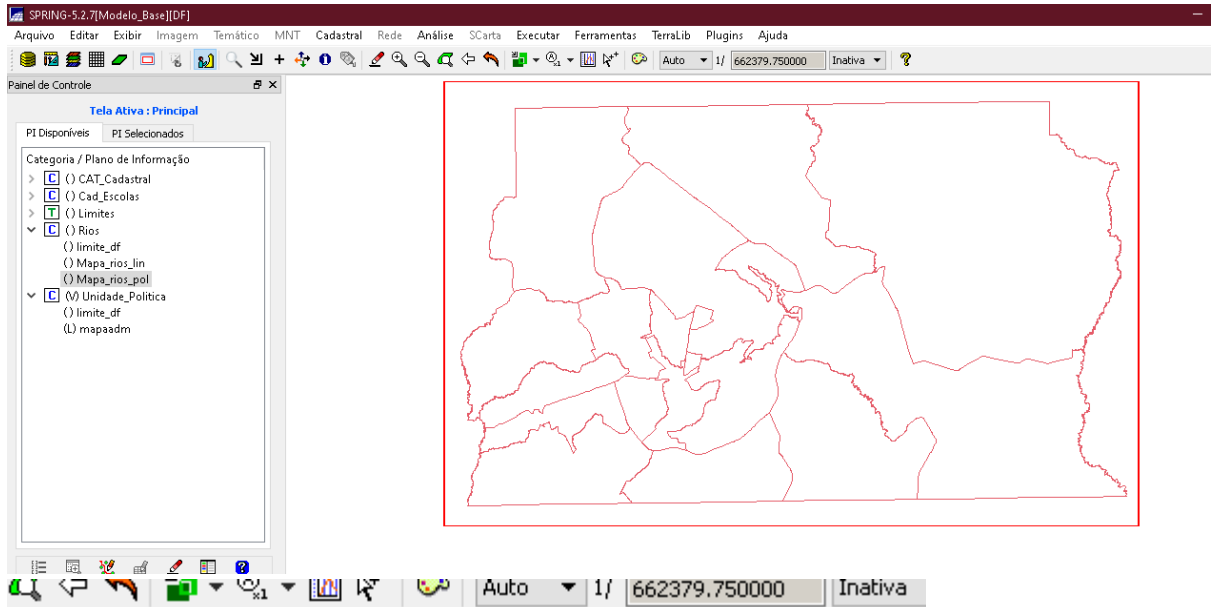




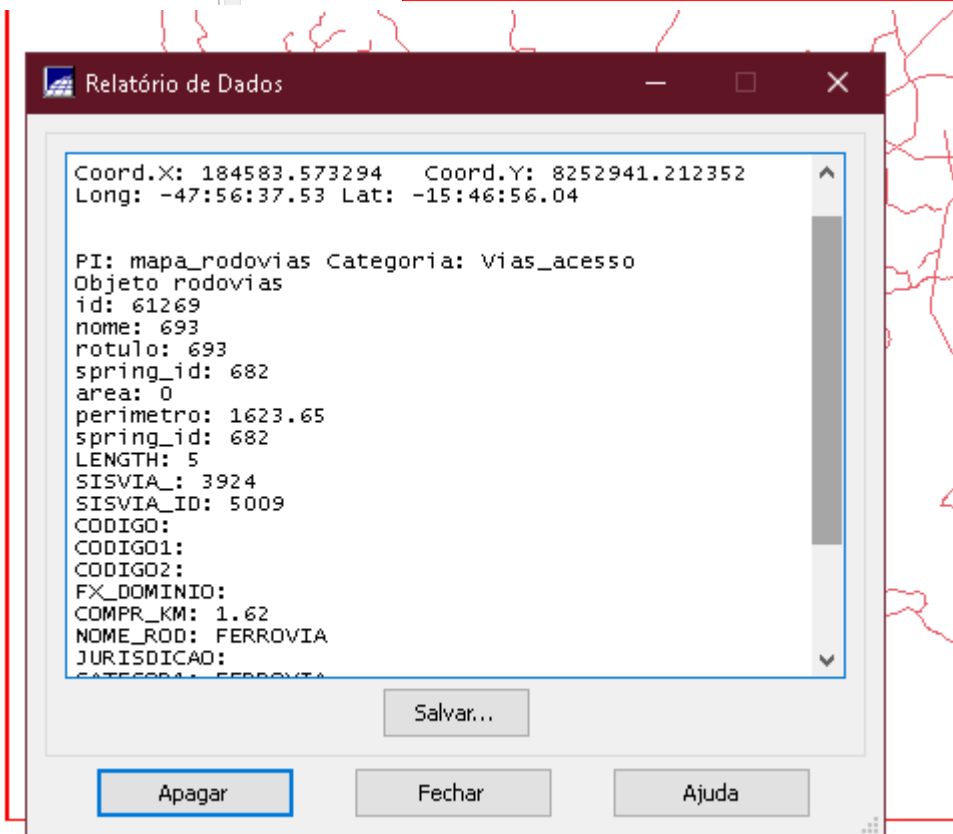
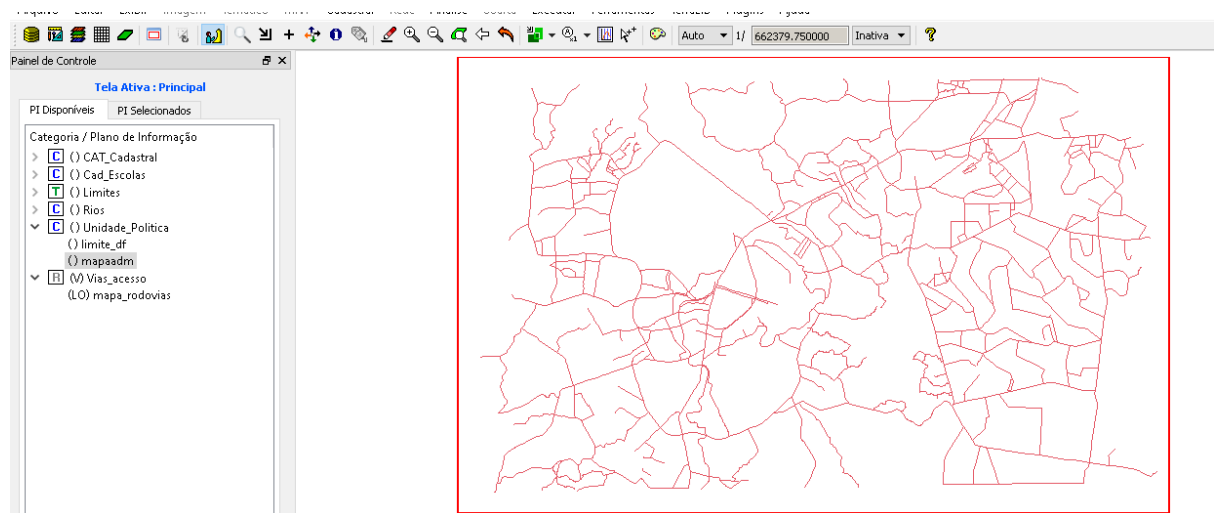
Exercício 5 – Importando Escolas de arquivo Shape



Exercício 6 – Importando Regiões Administrativas de arquivos ASCII-SPRING

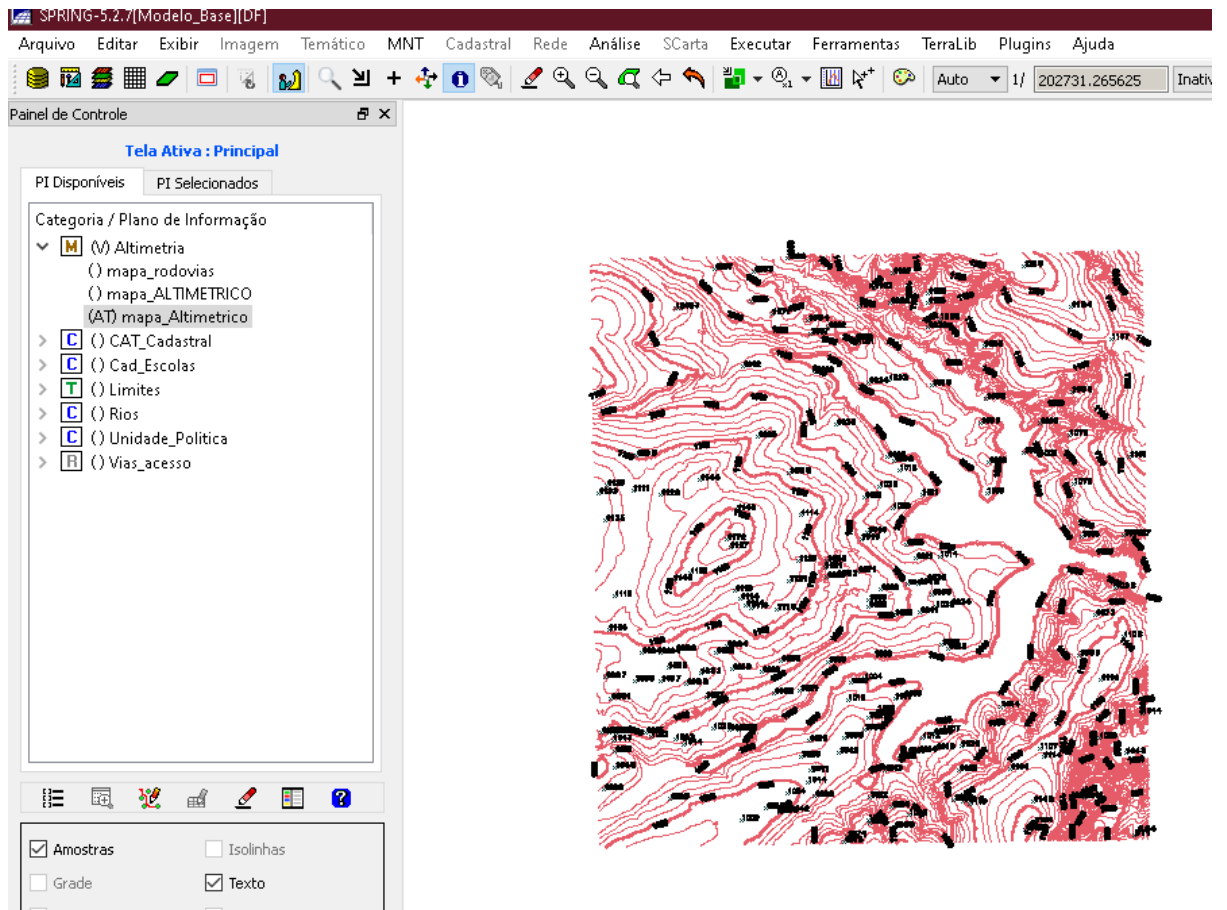


Exercício 7 – Importando Rodovias de arquivos ASCII-SPRING

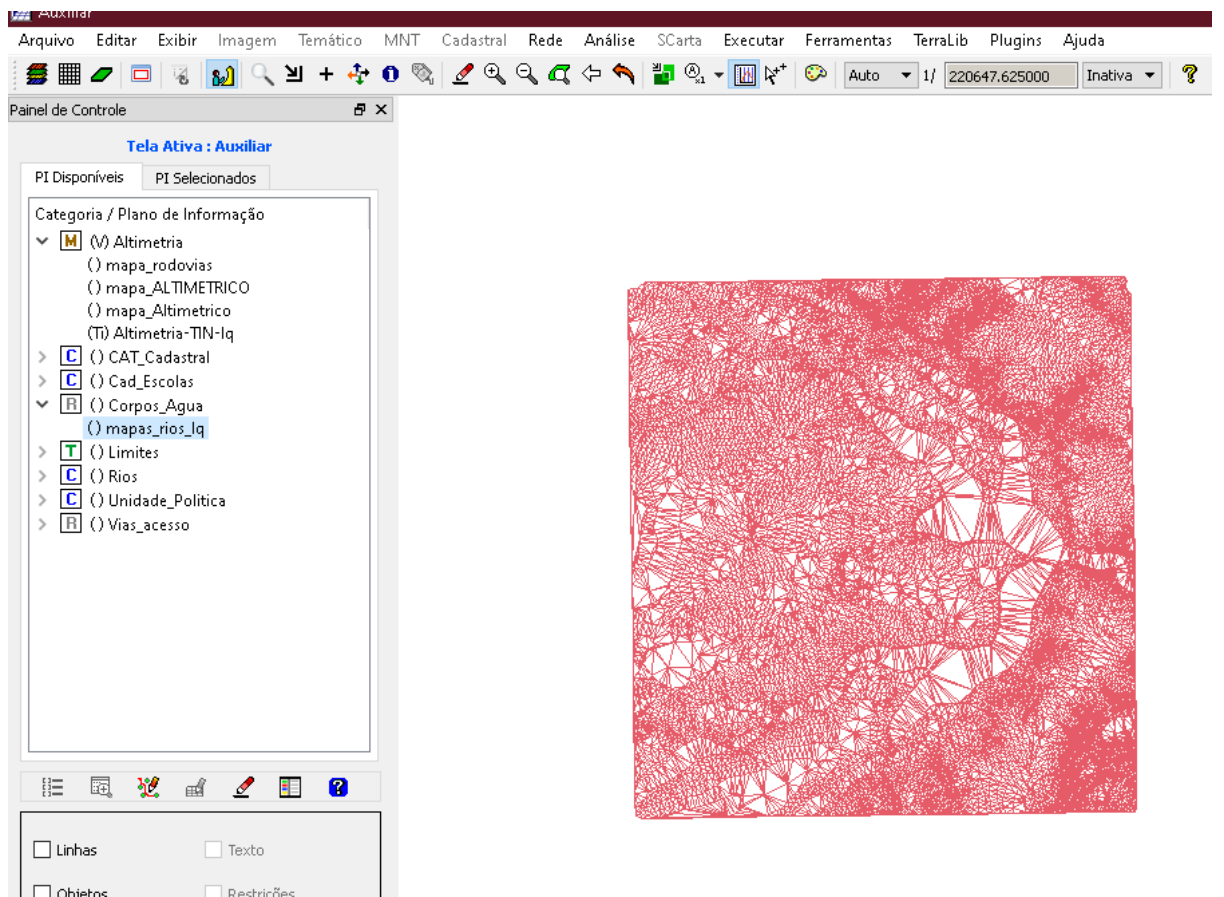
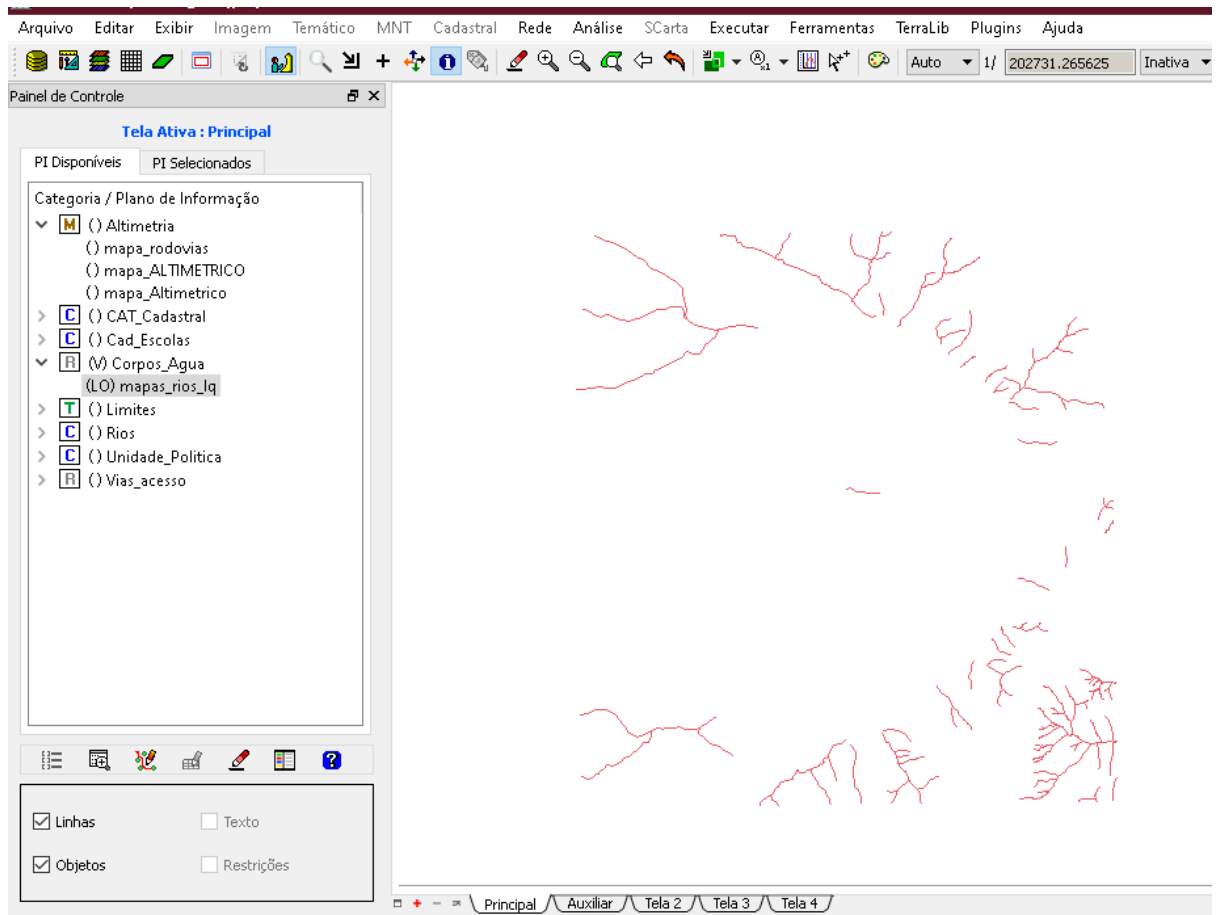


Exercício 8 – Importando Altimetria de arquivos DXF

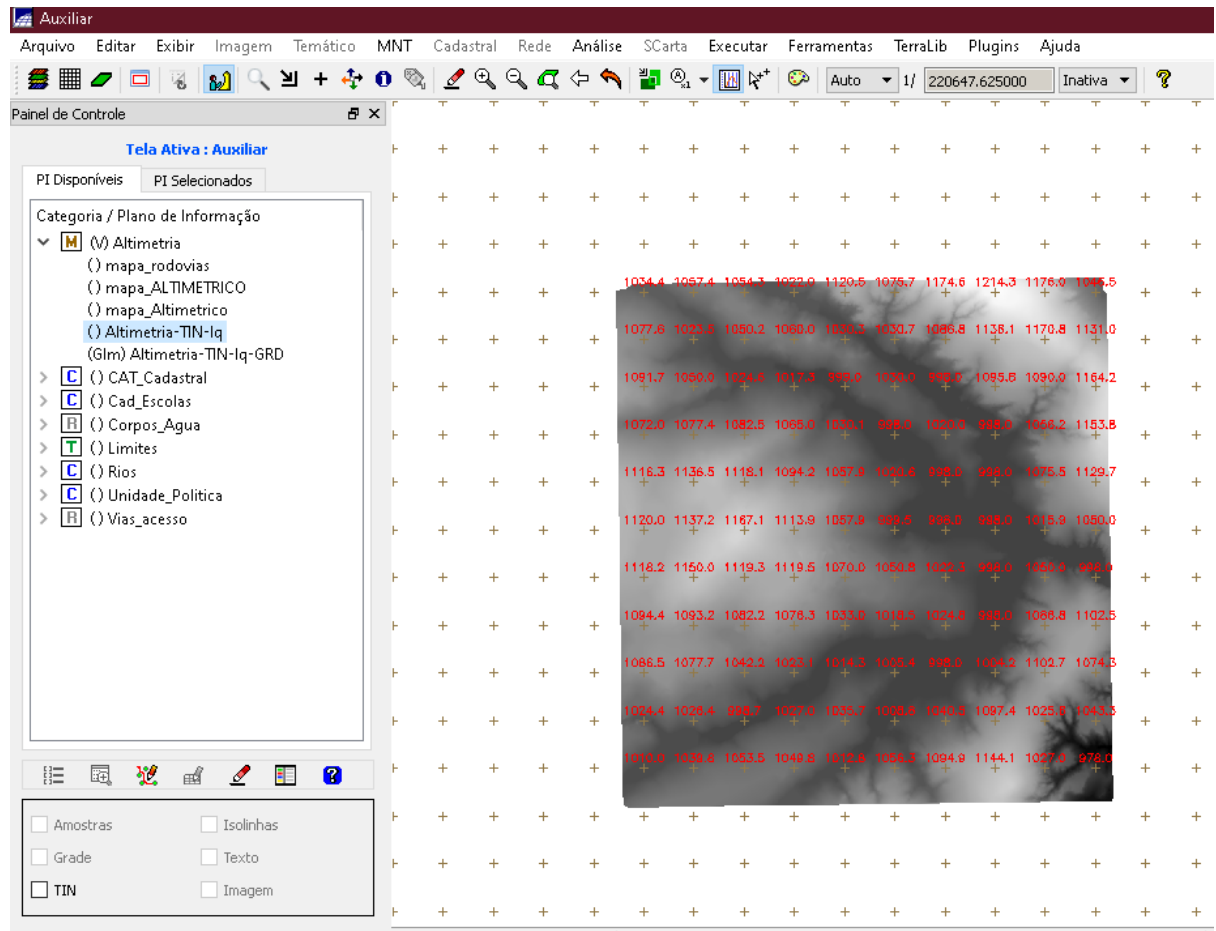
Passo 1 - Importar arquivo DXF com isolinhas num PI numérico



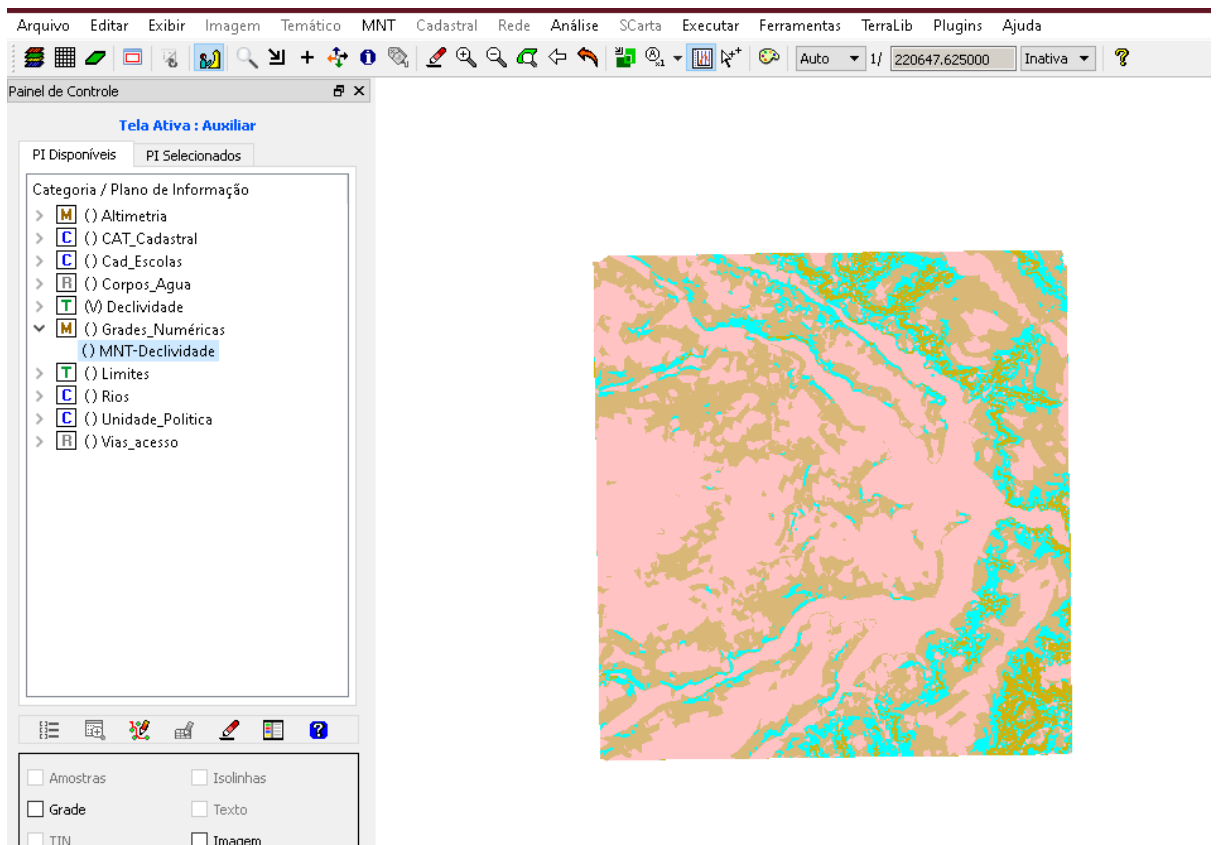
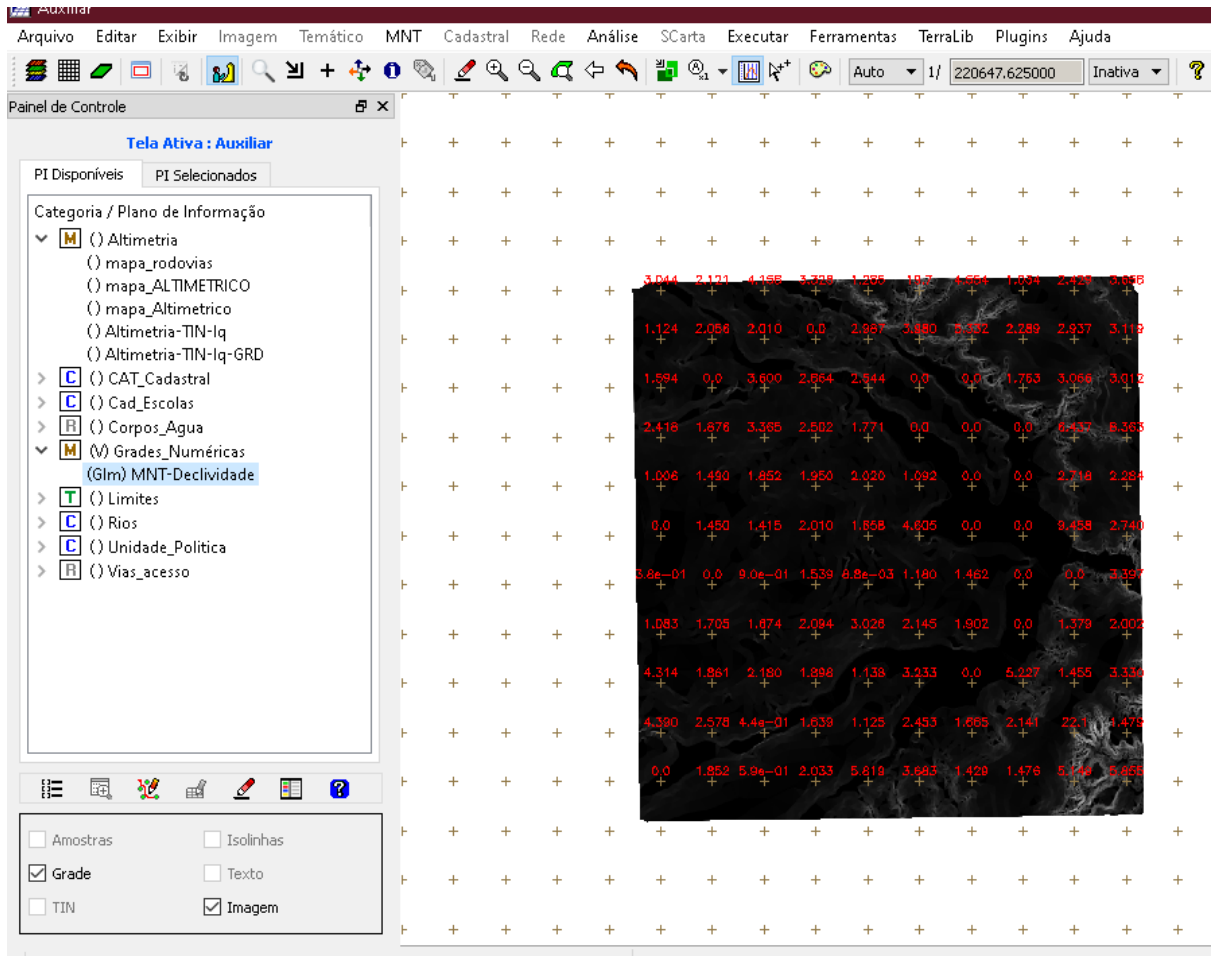
Exercício 9 - Gerar grade triangular- TIN



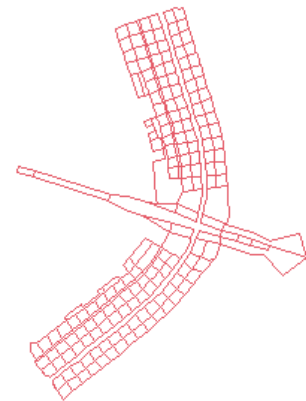
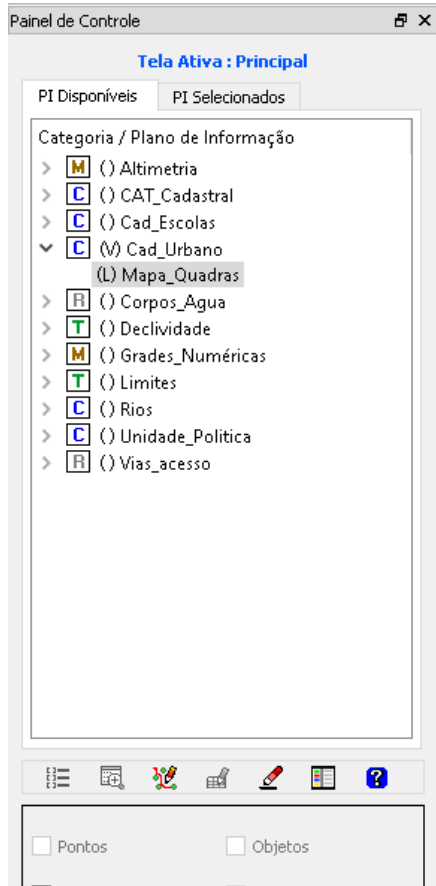
Exercício 10 - Gerar grades retangulares a partir do TIN

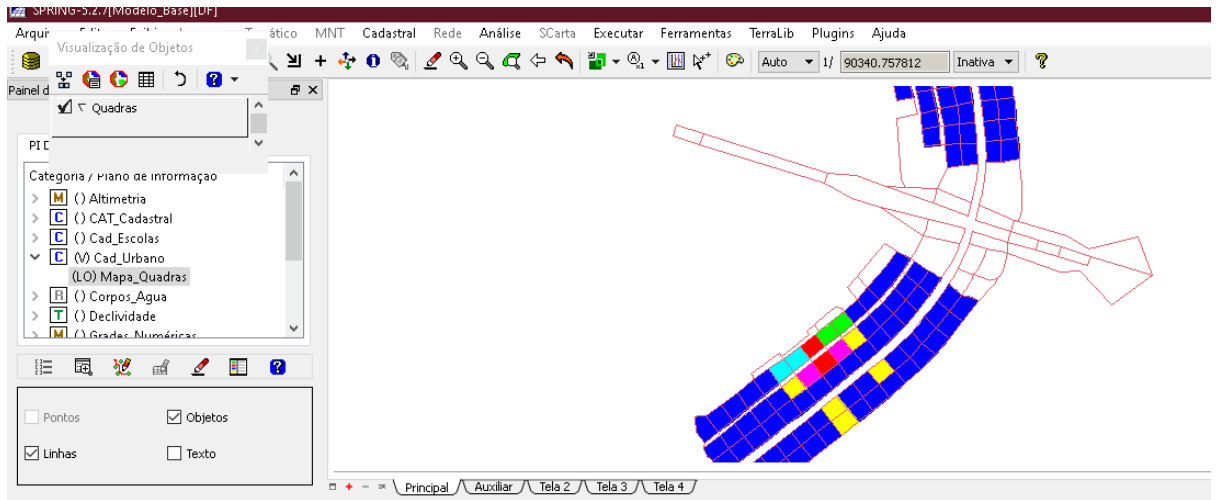


Exercício 11 - Geração de Grade de Declividade e Fatiamento



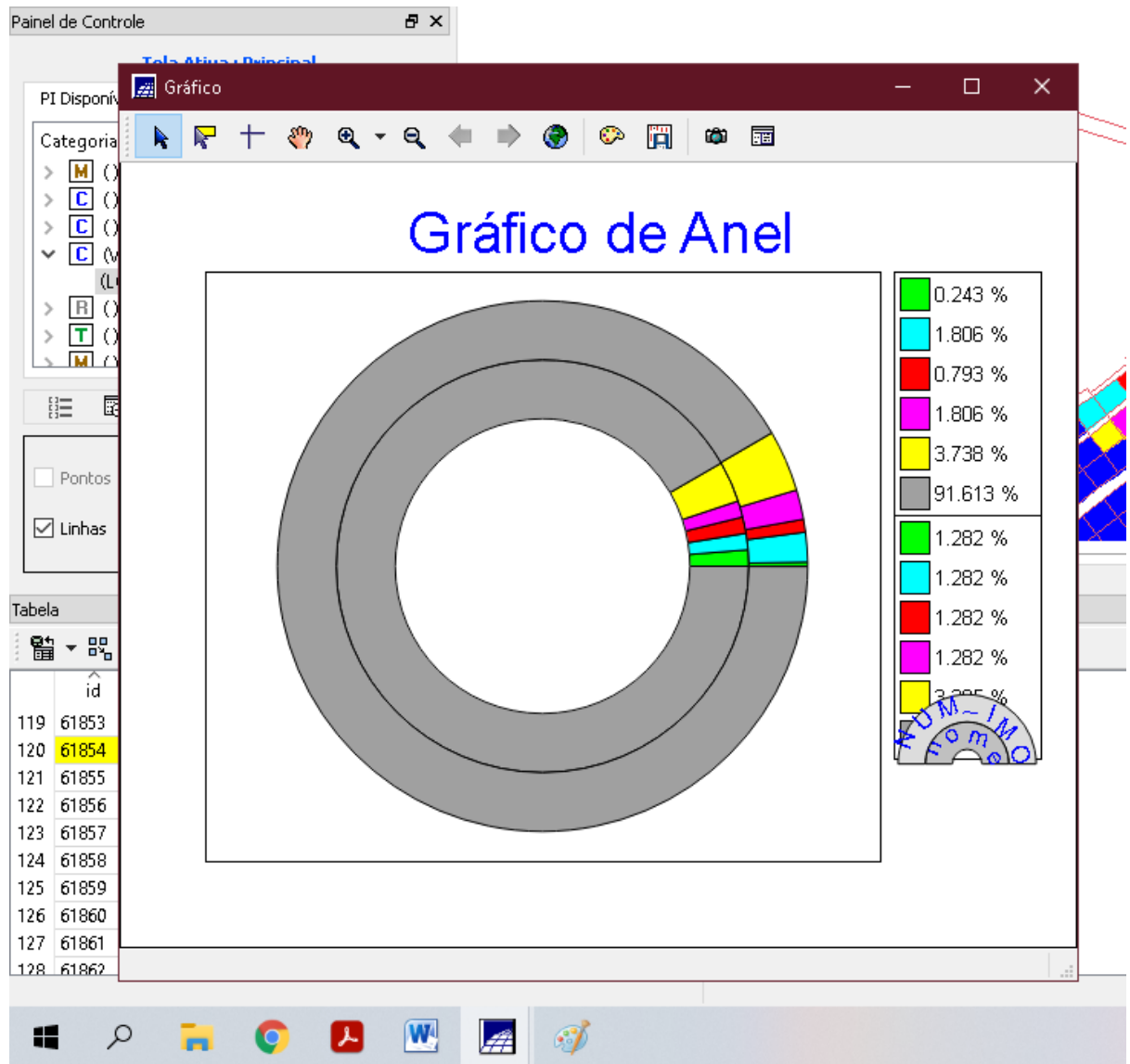
Exercício 12 - Criar Mapa Quadras de Brasília



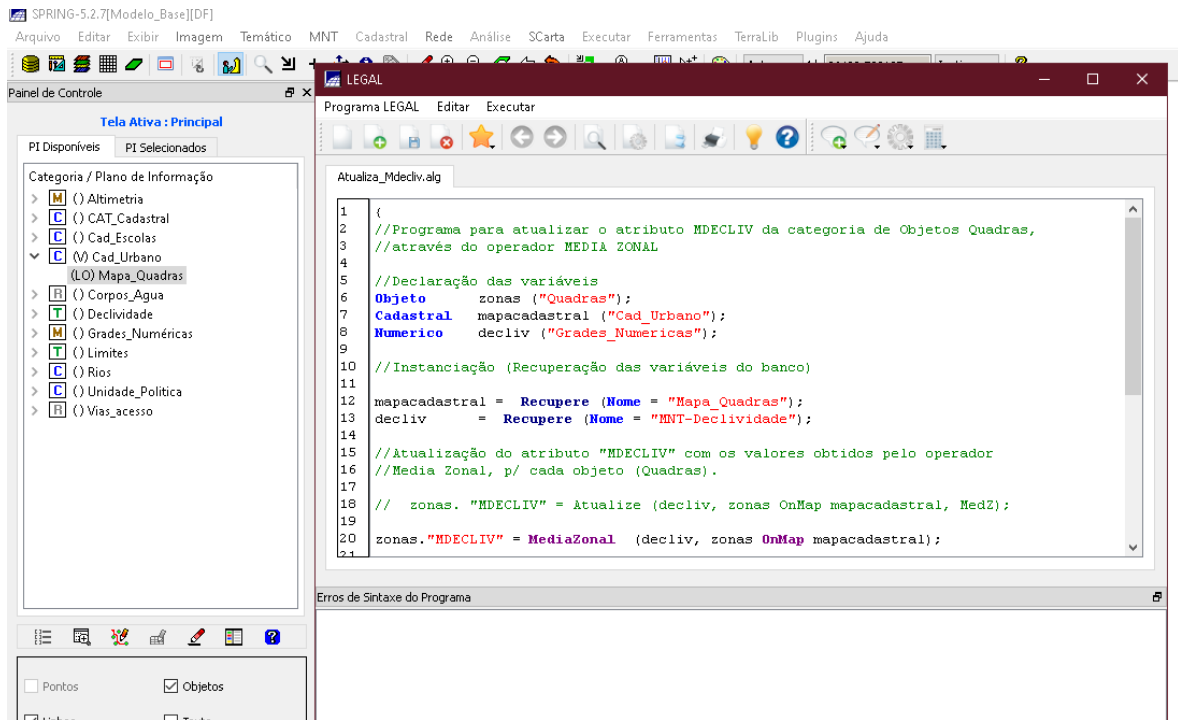


Tabela

	id	nome	rotulo	area	perimetr	ASA	USO	JM_IMC	OPULA
119	61872	SQS-3...	SQS-3...	106702	1309.19	SUL	Resid...	130	300
120	61871	SQS-3...	SQS-3...	106918	1311.23	SUL	Resid...	110	500
121	61870	SQS-3...	SQS-3...	110221	1334.93	SUL	Lazer	1	80
122	61869	SQS-3...	SQS-3...	116577	1375.27	SUL	Resid...	120	500
123	61868	SQS-3...	SQS-3...	101193	1275.45	SUL	Resid...	100	520
124	61867	SQS-3...	SQS-3...	106669	1312.18	SUL	Resid...	130	600
125	61866	SQS-3...	SQS-3...	115233	1363.6	SUL	Come...	100	400
126	61865	SQS-3...	SQS-3...	117513	1378.16	SUL	Resid...	110	450
127	61864	SQS-3...	SQS-3...	107007	1311.07	SUL	Resid...	120	400



Exercício 13 – Atualização de Atributos utilizando o LEGAL



Exercício 14 – Importação de Imagem Landsat e Quick-Bird

