

RS and GIS practical

Lab. 6

Digitizing...continued

- **Open** the **saved project**
- Start editing of shapefile
- **Select** any shapefile layer and then click on **Reshape Feature Tool**.
- In order to reshape the interested shapefile **DRAW** a **new** shape or **new pattern** on the **old one** and click on **finish sketch**.
- Now, make a **new shapefile** with **line** type to use as an **inner road** for our project.
- While drawing any parts of road **SELECT Finish part** instead of ~~Finish sketch~~, this allows you to make **continuous** road networks, after finish all roads inside the area **Finish sketch**
- If the digitizing map required the **separated roads NOT continuous** select roads you built up then click on **Split** tool on **Editor Toolbar**, now click on any parts needs to be separated.
- After finishing roads, now, we will choose an **appropriate symbol** for them, **R-click** and **properties** on **inner roads** layer then **symbolology** tab, click to **edit symbol** of this layer.
- Select **Single,Wide** road type, then **Edit symbol** and select **3D simple line symbol** from type menu, set the **World unit** to **Meter**, and set the **width** as real road distance, select **Strip** as a style.
- Select the **entrance road** and **Editor** then select **Copy Parallel**, give a **distance** and **sides**.
- Create **another shapefile** name it **Building** and select a **point** type for it.
- Click to **add points** for each **building** inside the area, and select appropriate symbol for them.
- Create **another shapefile** name it **lights** and select a **point** type for it.
- Now, Select the **entrance road** and **Editor** then select **construct points**, in **template** select **lights layer**, select **distance** and input the **real measurements**.
- Editor then Save changes and stop editing.
- Save the project once again.