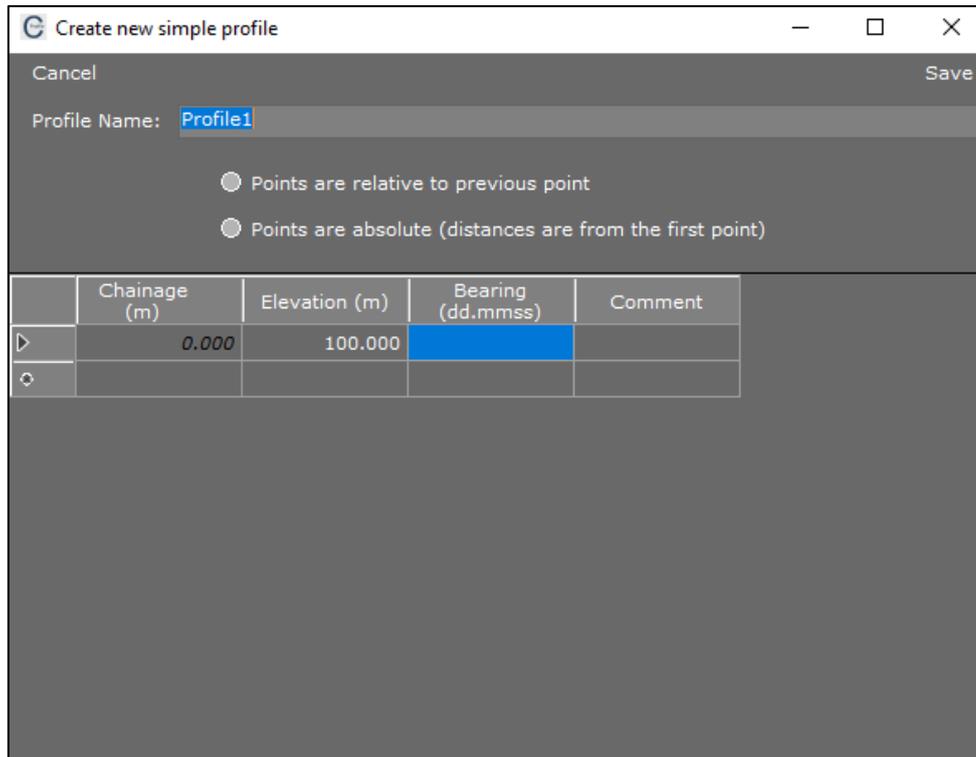A simple profile can be added to a new design when no other terrain data is loaded. Select **Terrain Data>Simple Profile** to bring up the following window below.

A **Profile Name** can then be entered in the space provided.

The way in which the data is required to be entered into the data grid is specific to the data type options under the profile name field. There are two data type options available to choose from including: relative horizontal distance & height and absolute distance and elevation.

By selecting **Points are Relative to Previous Point** the user will have to enter a **Chainage** and **Elevation** for each data point. This is the change in horizontal and vertical distance between the current data point and the previous point. A **Bearing** will need to be entered for the first point and any subsequent points will follow this bearing until another bearing has been entered. **Comments** can be added to any of the data points entered.

By selecting **Points are Absolute** the user will enter a **Chainage** and **Elevation** for each data point. This is the absolute distance and elevation from the first data point. A **Bearing** will need to be entered for the first point and any subsequent points will follow this bearing until another bearing has been entered. **Comments** can be added to any of the data points entered. An example of a simple profile using the absolute points reference is shown below.

Select **Save** to generate the simple profile.