MATH 299Q: Homework 3
Quiver Representations

1. Let $Q = \quad 1 \longrightarrow 2 \longrightarrow 3$, construct the Auslander-Reiten quiver Γ_Q.

2. Generalize the result of 1 to an arbitrary length quiver with the same orientation, i.e. $\overrightarrow{\mathbb{A}_n}$ or Q is of the form $Q = \quad 1 \longrightarrow \cdots \longrightarrow n$ and construct the Auslander-Reiten quiver Γ_Q.