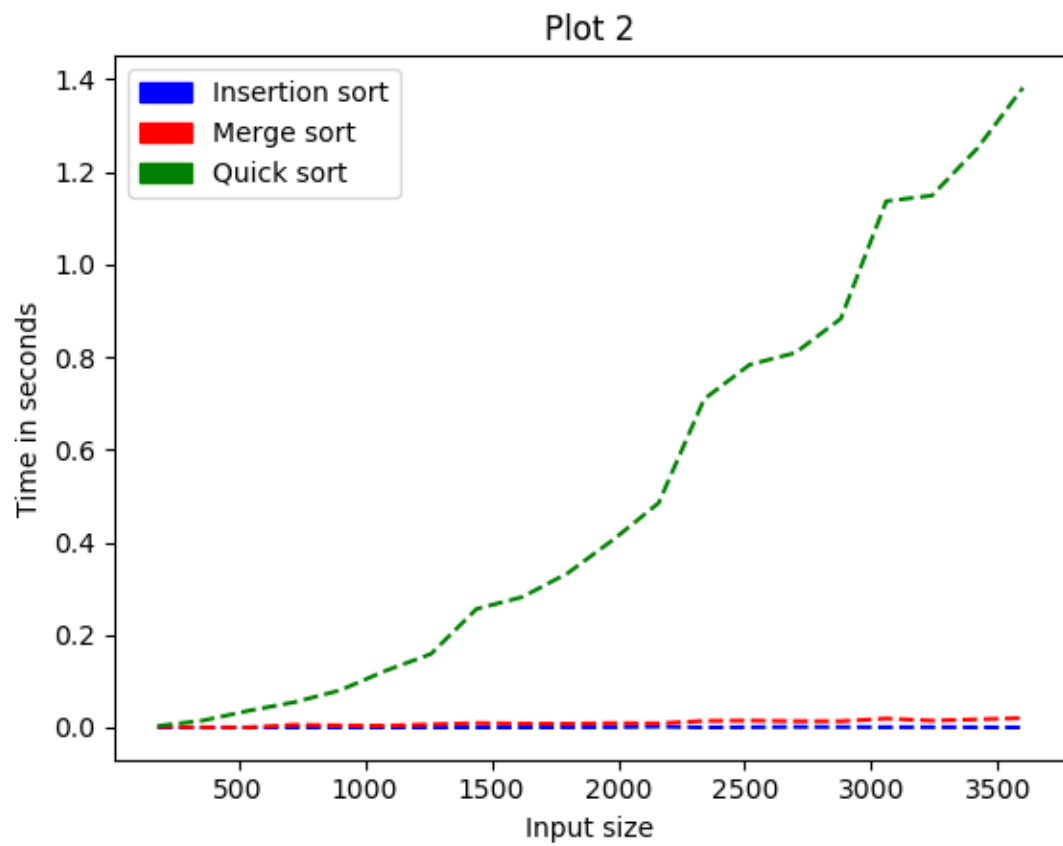
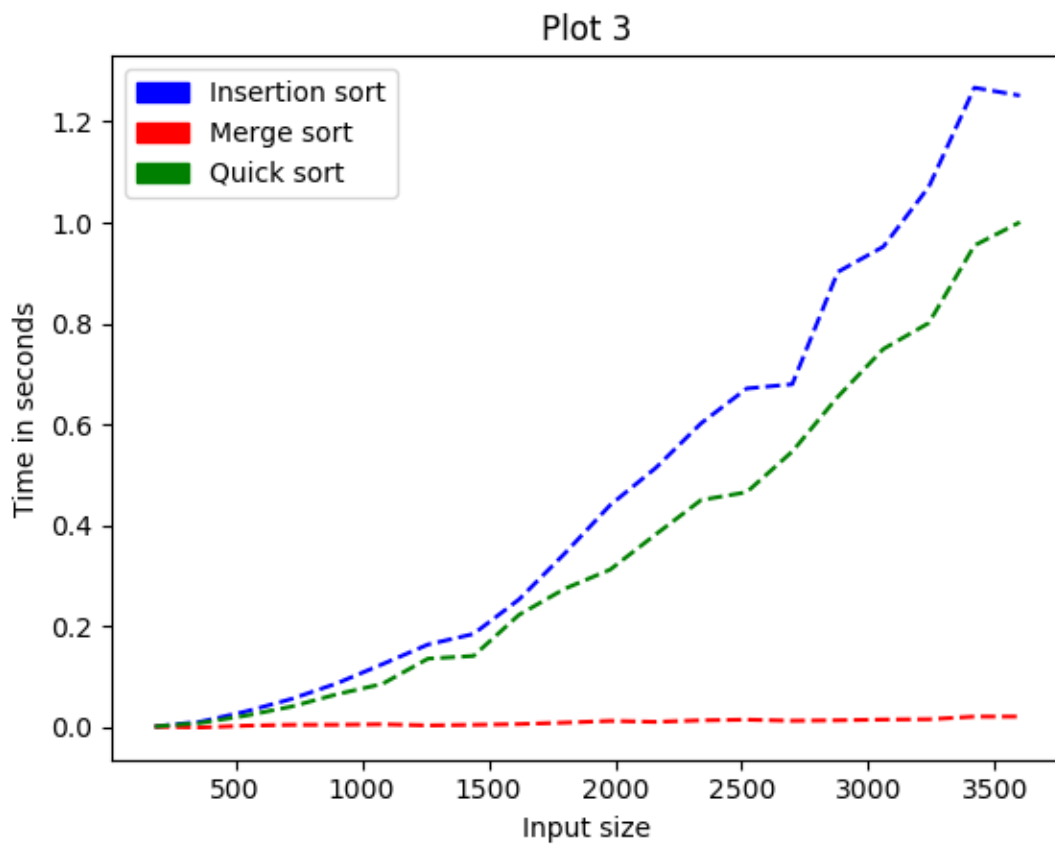


### 1. Random inputs



## 2. Non-decreasing Inputs



### 3. Non-increasing input