Homework 3: Q3

**Name:** FirstName LastName, ubitname

*Don’t forget to input your list of collaborators and sources on* ***AutoLab****.*

**Please submit this file as a PDF.**

# **Part (a): Proof Idea**

# **Part (a): Proof Details**

# **Part (b): Algorithm Idea**

1. **Part (b): Algorithm Details**

**Algorithm:** Algorithm1

1. **Part (b): Proof Idea**
2. **Part (b): Runtime Analysis**