**ALGORITHM JEDI**

height ← 0

age ← 0

recommendee ← 0

citizenship ← 0

name ← “ ”

**OUTPUT** “Kindly input your name, Applicant: \n”

**INPUT** name

**OUTPUT** “\nWelcome to Jedi Knight Academy, Applicant”, name, “!\n\n”

**OUTPUT** “Are you a recommendee of Jedi Master Obi Wan Kenobi? If yes, input 1. If not, input 0.\n”

**INPUT** recommendee

**IF**  recommendee == 1

**OUTPUT** “\nCongratulations,” , name, “You have been accepted into the Jedi Knight Academy!\n”

**ELSE IF** recommendee == 0

**BEGIN**

**OUTPUT** “What is your height in cm?\t”

**INPUT** height

**BEGIN**

**IF** height >= 200

**BEGIN**

**OUTPUT** “What is your age?\t\t”

**INPUT** age

**BEGIN**

**IF** age>=21&&<=25

**BEGIN**

**OUTPUT** “Are you a citizen of Planet Endor? if yes input 1. If not, input 0.\n”

**INPUT** citizenship

**BEGIN**

**IF** citizenship==1

**OUTPUT** “\nCongratulations,” , name, “! You just got accepted into the Jedi Knight Academy!\n”

**ELSE**

**OUTPUT** “\nApologies. You are ineligible due to lack of citizenship.\n”

**END IF**

**END**

**END**

**ELSE**

**OUTPUT** “\nApologies. You are ineligible due to age requirement.\n”

**END IF**

**END**

**END**

**ELSE**

**OUTPUT** “\nApologies. You are ineligible due to height requirement.\n”

**END IF**

**END**

**END**

**ELSE**

**OUTPUT** “Invalid input. Try again.\n”

**END IF**

**OUTPUT** “Thank You. Have a nice day!\n”

**END JEDI**