

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
            END
        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
```