

Exercise: Lecture – 5

5.1 Write a program that checks if a person is eligible to vote. The eligibility criteria are:

- The person must be at least 18 years old.
- The person must be a citizen of the country.

Hints: take two variables age with any age and citizenship with value yes or no.

5.2 Write a program that classifies a student's grade based on their score. Use the following criteria:

- Score ≥ 90 : "A"
- Score ≥ 80 : "B"
- Score ≥ 70 : "C"
- Score ≥ 60 : "D"
- Score < 60 : "F"

5.3 Write a program that takes three numbers and prints the largest one.

5.4 Write a program that checks if a given day is a weekday or a weekend. Assume the user inputs a number from 1 to 7, where 1 corresponds to Sunday and 7 corresponds to Saturday. Remember that Friday and Saturday are weekend.

5.5 Write a program that determines the admission price based on age. The criteria are:

- Age < 3 : Free admission
- Age 3-12: Tk. 500
- Age 13-20: Tk. 2000
- Age 20+: Tk. 5000