



Q1. Write a program to let user enter 2 numbers, if one of the numbers is greater than 10, the program should display "I'm greater than 10", otherwise, it should display "I'm smaller than 10".

Q2. Create a C++ program to check if a given city and its population match certain criteria. If the city is "Erbil" and the population is greater than or equal to 1 million, display "City approved," otherwise, display "City not approved."

Q3. Write a program to determine if a user is eligible for a discount based on their age and membership status. Ask the user to enter their age and whether they have a membership (yes/no). If the age is 60 or older or the user has a membership, display "Discount available," otherwise, display "No discount."

Q4. Write a C++ program to determine if a user-input character is a vowel (a, e, i, o, u). Compare the entered character with each vowel and display whether it is a vowel or not.

Q5. Write a program that will read three integers and outputs largest and smallest number.

Q5.5. Write a program that will read three integers and outputs smallest number.

Q6. Write a program that will read an exam mark (integer) and prints out its equivalent letter grade which are assigned based on the following scheme (use if – else statements)

Letter	Grade Equivalent Out of 100
AA	90-100
BA	85-89
BB	80-84
CB	75-79
CC	70-74
DC	60-69
DD	50-59
FD	40-49
FF	0-39

Q7. Write a program that reads an exam mark and output its equivalent letter grade which are assigned based on the following scheme (you must use switch statement)

Marks	Letter grades
80	A
70	B
60	C
50	D
40	F



Q8. Asks the user to input the name of the car, the number of seats, and the car's production year.

The program should print the car name, the number of seats and the year of production.

Also, if the number of the seats is equal to 5 print the message "Your car is sedan", else show the message "Your car is VIP".

Q9. Same as Q8, ask the user to input the name, and three marks.

The output should show the name of the user and the average of these three marks.

Also, if the average is 90 or more, it should print a message "Well done you are supersmart", but if the average less than 90 should show the message "Try to work smart".