

# If Statements

- 1) Write a program that takes your age as an input (using input function), and checks whether your age is below, or above (or equal) 18 years old. Based on your age, the program will respond by one of the following:
  - If your age is above or equal 18, the program should print: "Congratulations, you are eligible to obtain a driving license!"
  - If your age is below 18, the program should print "Unfortunately, you cannot obtain a license now, you still have X years to be able to", where X is the number of years remaining to reach 18 years old.
- 2) On the previous program (1), assuming that people who are above 75 also should not be driving. So, update your code to have a case where if the user is above 75, the program should print: "For your safety, you are not eligible for driving, we cannot renew your license!"
- 3) Based on program in (1), write a Python script that performs the same operation using ternary operator.
- 4) Write a program that takes your age and student ID as inputs, and performs the following:
  - If the sum of the last three digits of your ID are greater than your age (i.e. 1700888,  $8+8+8=24 > 18$  ), the program will print "Your ID is greater than your age".
  - If the sum is equal to your age, it should print "What a lucky!"
  - If the sum is less than your age, it should print "your ID is less than your age!"
- 5) Similar to program (4), you need to compare, as follows:
  - If your age is 18 or 19, and the last digit of your ID is even, print: "You win X Riyals" (where X is the last digit of your ID)
  - If your age is 18 or 19, and the last digit of your ID is odd, print: "You win X/2 Riyals" (where X is the last digit of your ID)
  - If your age above 19 and below or equal 22, and the last digit of your ID is odd, print : "You win XX Riyals" (Where X is the last digit of your ID)
  - If your age above 19 and below or equal 22, and the last digit of your ID is even, print : "You win XXX Riyals" (Where X is the last digit of your ID)
  - If your age is above 22 OR you don't have an ID number , print: "You owe us XXXX Riyals"