 **Integer Comparison:** Write a program that takes an integer input from the user and checks if it is greater than 10. Print an appropriate message.

 **String Comparison:** Ask the user to input a word and check if it is equal to "Python" (case insensitive). Print a message based on the result.

 **Floating Point Comparison:** Ask the user to enter a price and determine if it is greater than or equal to 9.99. Format the output to two decimal places.

 **Tuple Membership Check:** Create a tuple of three different fruit names. Ask the user for a fruit name and check if it exists in the tuple.

 **List Membership Check:** Create a list of three names. Ask the user for their name and check if it is in the list. Print a message accordingly.

 **String Slicing in if Statement:** Ask the user to input a code and check if the first three characters are "ABC". Print an appropriate message.

 **Using None in if Statement:** Declare a variable with None. Write an if statement to check if it is None and print a message accordingly.

 **Escape Characters in if Statement:** Create a string that contains a newline character (\n). Write an if statement to check if the newline character is present.

 **Output Formatting with if Statement:** Ask the user for their test score and categorize it as Excellent (90+), Good (75+), or Needs Improvement (below 75). Format the output with one decimal place.

 **Casting Strings to Integers:** Ask the user for their age as a string input, cast it to an integer, and check if they are 18 or older.

 **Logical Operators in if Statement:** Ask the user for a temperature input. Print a message if it is between 20 and 30 degrees inclusive.

 **Checking List Length:** Create a list of tasks. Check if the list has more than 5 tasks, and print a message accordingly.

 **Checking Negative Integers:** Ask the user for a number and check if it is negative. Print a message accordingly.

 **Checking Even or Odd with Modulo Operator:** Ask the user for a number and check if it is even or odd using the modulus operator %.

 **Checking Dictionary Keys:** Create a dictionary with names as keys and scores as values. Ask the user for a name and check if it exists in the dictionary.

 **Nested if Statements:** Ask the user for a username and password. If the username is "admin", check if the password is "1234" and grant access accordingly.

 **Checking Multiple Conditions:** Ask the user for a number and check if it is both even and positive, even and negative, or odd.

 **Checking if a String Contains a Specific Character:** Ask the user to enter a sentence and check if it contains the @ symbol.

 **Checking if a Number is in a Range:** Ask the user for a number and check if it is within the range of 1-100 (inclusive).

 **Using not in if Statement:** Create a list of common pet animals. Ask the user for an animal name and check if it is not in the list.