Task 1: Favorite Meal

Write a program that allows user to enter their favorite starter, main course, dessert and drink.

Concatenate these and output a message which says – "Your favourite meal is ....with a glass of...."

Follow the instructions below:

1. Create 4 variables, one named starter, one named main, one named dessert and one named drink.
2. Concatenate these into the output message using + to combine the strings

Task 2: Calculations

Create a few programs to complete the following calculations:
1) Takes two numbers from user and outputs a subtraction
2) Takes two numbers from user and outputs a multiplication
3) Takes two numbers from user and outputs a division

Follow the instructions below:

1. Create 2 variables which enable a user to input a number.
2. Then subtract the 2 numbers from each other.
3. Repeat steps 1 and 2 to carry out the calculations for multiplication and division.

Task 3: Joke

Write code that will display the joke "What do you call a bear with no teeth?" and on the next line display the answer "A gummy bear!"

Follow the instructions below:

1. Create a variable name to store the joke against.
2. Use \n to separate the code into the joke and the punch line.

Task 4: Casting

Create a program that:
Asks the user for two numbers
Multiples the numbers together
Prints the answer as both an integer and a float

Follow the instructions below:

1. Create 2 variables which put the user to input a number.
2. Multiple these numbers together and print the answer.
3. Using int() and float() print the answer as an integer and float

Task 5: String modification

Modify a string which you have created to do the following built-in methods
- Replace
- Upper case
- Split

Follow the instructions below:

1. Create a string and store it against a variable name
2. Use replace(), upper() and split to modify your string

Stretch and Challenge

These tasks are optional which you can complete in order to test your knowledge.

Task_01
Ask for the total price of a bill, then ask how many dinners there are. Divide the total bill by the number of diners and show how much each person should pay.

Task_02
Ask for the radius and the depth of a cylinder and work out the total volume (circle area*depth) rounded to three decimal places. (You will need to import the math library and look up the function for rounding decimals)