

Your first programs

Look at this code:

```
colour = input("What is your favourite colour? ")
print("I like", colour, "too")

num1 = int(input("Enter a number: "))
num2 = int(input("Enter a number: "))
total = num1 + num2
print(total)
```

Complete these programming challenges and save each of them with a sensible name:

Challenge 1

Ask the user to input a country name. Display the output the message "I would love to go to [country]"

Challenge 2

Ask the user for their favourite pizza topping. Once they have typed in their answer, display the response "Yuck, [topping] on a pizza is disgusting"

Challenge 3

Ask the user to enter 2 numbers, multiply them together and display the answer.

Challenge 4

Ask the user to enter a number and multiply it by 6. Add three to the total and display the answer.



Challenge 5

Ask the user to measure the height of their desk in centimetres and enter that into a program. Then ask the user to measure the width of their desk in centimetres and enter that into a program. Finally ask the user to measure the depth of their desk in centimetres and enter that into a program. The program should then work out the total area the desk takes up.

This code will allow the user to input a floating-point number (a floating-point number includes decimal places):

```
num = float(input("Enter a number with a decimal place: "))
answer = num * 3
print(answer)
```

Complete these programming challenges save it with a sensible name:

Challenge 6

Ask the user for the total price of a mobile phone if they were to buy it new. Ask them how many months they want the contract for (12, 24 or 36) and divide the total price by the number of months. Add £15 onto the monthly cost of the phone which will cover calls, texts and data usage, to find out how much they would get charged in total each month for their new phone and display the answer as "The total cost per month will be [charge]" .

Challenge 7

Ask the user for the total price of an item of clothing and the sale price or the same item of clothing and display the answer "You have saved £[saving] today"

