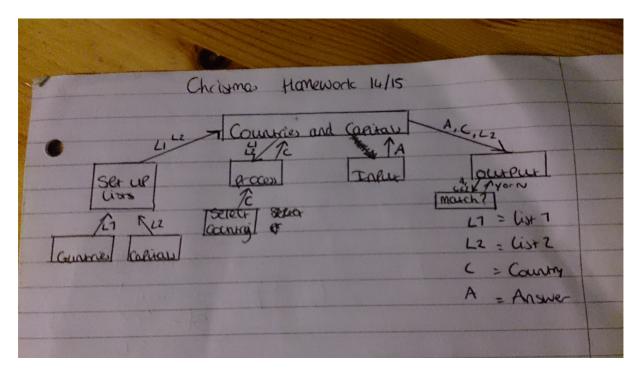
Lists development exercise:

```
import random
countries=
['England', 'Germany', 'Spain', 'China', 'Russia', 'Ireland', 'Scotland',
    'France', 'Belgium', 'Wales']
capitals =
['London', 'Berlin', 'Madrid', 'Beijing', 'Moscow', 'Dublin', 'Edinburgh
    ', 'Paris', 'Brussels', 'Cardiff']
print("REMEMBER CAPITALS")
random = random.randint(0,10)
user_answer = input("What is the capital of {0}?
    ".format(countries[random]))
if user_answer == capitals[random]:
    print("You got it correct.")
else:
    print("You got it wrong.")
```

Test table:

Country	Answer	Expected	Actual
China	Beijing	Correct	Correct
Scotland	83	Wrong	Wrong
England	Dublin	Wrong	Wrong



## Functions2:

```
def input1():
    message = input("Please enter the message: ")
    cora = input("Is the message in caesar or english? c or e: ")
    if cora == "c":
       shift = -3
    else:
        shift = 3
    return message, shift
def process(message, shift):
    list1 = list(message)
    list2 = []
    for index in range(len(message)):
        character = list1[index]
        index= index+1
        ascii_character = ord(character)
        caesar = ascii_character + shift
        character = chr(caesar)
        list2.append(character)
    print(list2)
def main():
    message,shift= input1()
    process(message, shift)
```

main()

Input	Expected	Actual
hello	khoor	khoor
khoor	hello	hello
hello world	khoorzruog	khoorzruog
83	;6	;6

