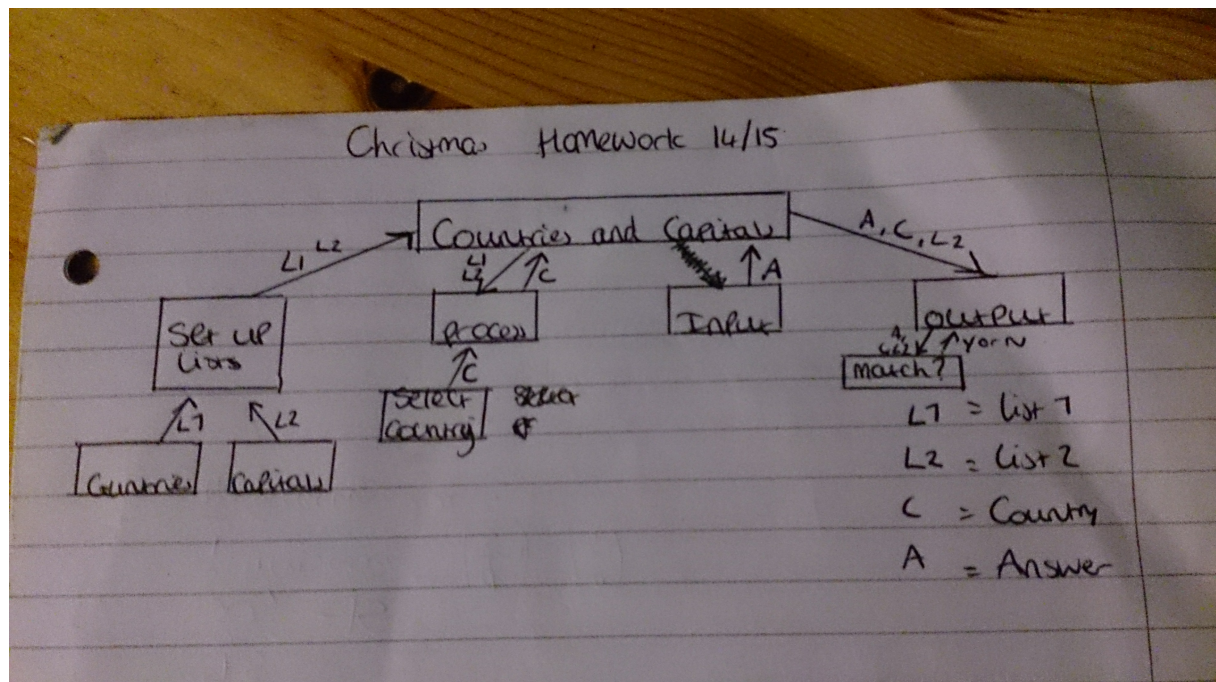


Lists development exercise:

```
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)
    string = ""
    for each in list2:
        if each == '#':
            string = string + " "
        else:

```

```

        string = string + each
    return string

def display(message,string):
    print("You entered {0}, encyrpted this is {1}".format(message,string))

def main():
    message,shift= input1()
    string= process(message,shift)
    display(message,string)

main()

```

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

