CP1404 week5 prac

emails.py:

def find\_names(email):  
 acc\_name = email.split('@',)[0]  
 acc\_name\_split = acc\_name.split('.')  
 names = ''.join(acc\_name\_split).title()  
 return names  
  
def main():  
 my\_dict = {}  
 email = input("Email: ")  
 while email != "":  
 names = find\_names(email)  
 name = str(input("Is your name {} (y/n)".format(names)))  
 if name == "y":  
 print()  
 email = input("Email: ")  
 elif name == "n":  
 name = str(input("Enter your name: "))  
 EMAIL\_DICT = {name.title(): email}  
main()

hex\_colours.py:

def main():  
 *"""ask for inout and siplaye the colour codes."""* COLOUR\_DICT = {"ALICEBlUE": "#f0f8ff", "ANTIQUEWHITE": "#faebd7", "BEIGE": "#f5f5dc", "AZURE": "#f0ffff", "AQUAMARINE": "#7fffd4",  
 "BLACK": "#000000", "BLUE": "#0000ff", "BROWN": "#a52a2a", "CADETBLUE": "#5f9ea0", "CORAL": "#ff7f50"}  
  
 colour\_name = str(input("Colour: "))  
 colour\_name = colour\_name.upper()  
  
 while colour\_name.upper != "":  
 if colour\_name in COLOUR\_DICT:  
 print(COLOUR\_DICT[colour\_name])  
 else:  
 print("Invalid input")  
 colour\_name = input("Colour: ")  
 colour\_name = colour\_name.upper()  
  
 if colour\_name == "":  
 print()  
  
  
  
  
  
  
  
  
  
main()

state\_names.py:

*"""  
CP1404/CP5632 Practical  
State names in a dictionary  
File needs reformatting  
"""*# *TODO: Reformat this file so the dictionary code follows PEP 8 convention*CODE\_TO\_NAME = {"QLD": "Queensland", "NSW": "New South Wales", "NT": "Northern Territory", "WA": "Western Australia",  
 "ACT": "Australian Capital Territory", "VIC": "Victoria", "TAS": "Tasmania"}  
print(CODE\_TO\_NAME)  
  
state\_code = input("Enter short state: ")  
while state\_code != "":  
 if state\_code in CODE\_TO\_NAME:  
 print(state\_code, "is", CODE\_TO\_NAME[state\_code])  
 else:  
 print("Invalid short state")  
 state\_code = input("Enter short state: ")  
  
  
for names in CODE\_TO\_NAME:  
 print(names, "is", CODE\_TO\_NAME[names])

word\_occurrences.py:

words\_list = ("this", "is", "a", "collection", "of", "words", "of" ,"nice", "words", "this", "is", "a", "fun", "thing", "it", "is")  
  
count = {}  
  
for word in words\_list:  
 try:  
 count[word] += 1  
 except KeyError:  
 count[word] = 1  
for k, v in count.items():  
 print("{:10} : {}".format(k, v))