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infoDict = { "Bangladesh":"Dhaka",
"India":"Delhi",
"Pakistan": "Islamabad",
"Srilanka":"Colombo",
"Nepal":"Kathmandu"}

print(infoDict)
print(len(infoDict))

#Accessing dictionary
print(infoDict["Bangladesh"])

#get function
print(infoDict.get("India"))
print(infoDict.get("USA", "Unknown"))

for i in infoDict.items():
    print(i)

for key, value in infoDict.items():
    print(f"Key: {key}",end=" ")
    print(f"Value: {value}")

key_list=[]
for i in infoDict.keys():
    #print(i)
    key_list.append(i)
print("The list of keys: ",key_list)

values_list=[]
for i in infoDict.values():
    #print(i)
    values_list.append(i)
print("The list of values: ",values_list)

#inserting into empty dictionary
dict ={}
dict["Dhaka"]=0
dict["Chittagong"]=255
print(dict)
print("length of the dictionary:",len(dict))

#updating dictionary
dict["Dhaka"]="Capital"
print(dict)
dict["Sylhet"]="Beautiful City"
print(dict)

dict.update(Rajshahi="Big City")
print("After update: ",dict)

myDict = {}
myDict.update({"Potato":65, "Onions":80})
print(myDict)

#Accessing non-existing key
#print(dict["Barishal"])

if "Barishal" in infoDict:
    print(dict["Barishal"])
else:
    print("Not in the dictionary")
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