

PY Morse code in python

morse learning script:

[morse_learn.py](#)

```
import random

dictionary = {"./" : "A",
              "/..." : "B",
              "/./." : "C",
              "/.." : "D",
              "." : "E",
              "../" : "F",
              "//." : "G",
              "...." : "H",
              ".." : "I",
              ".///" : "J",
              "/./" : "K",
              "./.." : "L",
              "/" : "M",
              "/." : "N",
              "///" : "O",
              ".//." : "P",
              "//./" : "Q",
              "./." : "R",
              "... " : "S",
              "/" : "T",
              "../" : "U",
              ".../" : "V",
              ".//" : "W",
              "/./." : "X",
              "/.//" : "Y",
              "//.." : "Z"}

while(True):
    for i in range(0,1000):
        rand = random.randint(65,90) #65,90
        answer = chr(rand)
        choice = input("What is "+answer+" in morse code ?\n")
        if(dictionary[choice] == answer):
            print("you are right")
        else:
            print("you are wrong")
            continue
```

morse code translation script:

[morse_decode.py](#)

```
dictionary = {"../" : "A",
              "/..." : "B",
              "/./." : "C",
              "/..." : "D",
              "." : "E",
              ".../" : "F",
              "//." : "G",
              "...." : "H",
              ".." : "I",
              ".///" : "J",
              "/./" : "K",
              "./.." : "L",
              "//" : "M",
              "/." : "N",
              "///" : "O",
              ".//." : "P",
              "///." : "Q",
              "./." : "R",
              "... " : "S",
              "/" : "T",
              "../" : "U",
              ".../" : "V",
              ".//" : "W",
              "/../" : "X",
              "/.//" : "Y",
              "///.." : "Z"}

while(True):
    value = input()
    print(dictionary[value])
```