import time

startTime = time.time()

loopCount = 1

while (loopCount <= 1000) :

loopCount = loopCount + 1

digitPin = int(input("Please Enter a 4 Digit Pin:"))

if (digitPin == 1111) :

print ("Your Pin is 1111")

if (digitPin == 1234) :

print ("Your Pin is 1234")

if (digitPin == 2222) :

print ("Your Pin is 2222")

if (digitPin == 1000) :

print ("Your Pin is 1000")

if (digitPin == 4321) :

print ("Your Pin is 4321")

if (digitPin == 0000) :

print ("Your Pin is 0000")

if (digitPin == 1212) :

print ("Your Pin is 1212")

if (digitPin == 7777) :

print ("Your Pin is 7777")

if (digitPin == 3333) :

print ("Your Pin is 3333")

if (digitPin == 4444) :

print ("Your Pin is 4444")

if (digitPin == 5555) :

print ("Your Pin is 5555")

else :

count = 1

while (True) :

print ("Your Pin is", count)

if (count >= digitPin) :

break

else :

count = count + 1

endTime = time.time()

print("Elapsed time is:", (endTime - startTime))

**4. Research some ways people chose insecure passwords.**

- Birthday Dates

- Their personal name

- Pet Name

- Parents name

- “Password”

- Children’s Name

- etc.

**5. How would 6 digit passwords increase security?**

- 2 extra digits that can be harder to guess or crack

- Lot tougher to crack

- 4-digit combination had about 10,000 combinations.

- But now with a 5-digit combination there is over 1 million.

- Many platforms such as apple are upgrading their security by increasing the number of pins needed.