الواجب الاول

الادماج العربي بالحاسوب

الاسم:عبدالرحمن الميمان

الرقم الجامعي:441170135

import pygame

no = 0

no2 = 0

function play\_audio(file\_name):

audio\_folder = "C:\\Users\\\Dell\\Desktop\\Eclipsepro"

file\_path = audio\_folder + "\\" + file\_name + ".wav"

initialize pygame.mixer

load sound from file\_path

play sound

delay for the length of the sound multiplied by 800 milliseconds

print "read it"

function ten(no):

if no is greater than 0 and no is less than 20:

play\_audio(convert no to string)

else if no is greater than or equal to 20:

if no modulo 10 is equal to 0:

play\_audio(convert no to string)

else:

no2 = no modulo 10

play\_audio(convert no2 to string)

play\_audio("w")

no = no - no modulo 10

play\_audio(convert no to string)

# Read numbers from 1 to 99 and

function hun(no):

if integer division of no by 100 is equal to 1 or 2:

no2 = no - no modulo 100

play\_audio(convert no2 to string)

no = no modulo 100

print no

if no is greater than 0:

play\_audio("w")

call ten(no)

else:

hundreds\_digit = integer division of number by 100

play\_audio(convert hundreds\_digit to string)

play\_audio("100")

no = number modulo 100

if no is greater than 0:

play\_audio("w")

call ten(no)

    # Read numbers from 100 to 999

function th(number):

if integer division of number by 1000 is equal to 1 or 2:

no2 = number - number modulo 1000

play\_audio(convert no2 to string)

no = number modulo 1000

print no

if no is greater than 0:

if no is less than 100:

play\_audio("w")

call ten(no)

else if no is greater than 99:

play\_audio("w")

call hun(no)

else:

no2 = integer division of number by 1000

play\_audio(convert no2 to string)

play\_audio("1000")

no2 = number - number modulo 1000

if no2 is greater than 0:

if no2 is less than 100:

play\_audio("w")

call ten(no2)

else if no2 is greater than 99:

play\_audio("w")

call hun(no2)

    # Read numbers from 1000 to 9999

number = input("Enter the number: ")

# Convert the number into the appropriate digits

if number is equal to 0:

    # Read the number 0

elif number is less than 100:

    ten(number)

elif number is less than 1000:

    hun(number)

elif number is less than 10000:

    th(number)

elif number is less than 100000:

call ten(convert integer division of number by 1000 to string)

play\_audio("1000")

no = number modulo 1000

if no is greater than 0:

print no

play\_audio("w")

if no is greater than 99:

call hun(no)

else:

call ten(no)

elif number is less than 1000000:

no = integer division of number by 1000

print no

call hun(no)

no = convert (number modulo 1000) to string

play\_audio("1000")

if no is greater than 0:

if no is greater than 99:

play\_audio("w")

call hun(no)

else:

play\_audio("w")

call ten(no)

elif number is equal to 1000000:

play\_audio("1000000")

else:

  print("Error.")

print("Done:", number)