الواجب الاول

الادماج العربي بالحاسوب

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الرقم الجامعي:

IMPORT pygame

no <- 0

no2 <- 0

FUNCTION play\_audio(file\_name):

    audio\_folder <- "C:\\Users\\d7oom\\Desktop\\Eclipsepro"

    file\_path <- audio\_folder + "\\" + file\_name + ".wav"

    pygame.mixer.init()

    sound <- pygame.mixer.Sound(file\_path)

    sound.play()

    # Important

    pygame.time.delay(int(sound.get\_length() \* 800))

# Missing code - Please provide the remaining code

# https://github.com/Link20222/CSC430\_87188\_1\_2024-COMPUTER-ARABIZATION-Course-to-Course-Navigation/tree/main/PROJECT%201/final

# https://youtu.be/7Ym5-yIU-u0

FUNCTION ten(no):

    IF int(no) > 0 AND int(no) < 20 THEN

       CALL play\_audio(str(no))

    ELSE IF int(no) >= 20 THEN

        IF int(no) % 10 == 0 THEN

            CALL play\_audio(str(no))

        ELSE

            no2 <- int(no) % 10

            CALL play\_audio(str(no2))

            CALL play\_audio("w")

            no <- int(no) - int(no) % 10

            CALL play\_audio(str(no))

FUNCTION hun(no):

    no2 <- int(no) - int(no) % 100

    CALL play\_audio(str(no2))

    no <- int(no) % 100

    IF no > 0 THEN

        CALL play\_audio("w")

        CALL ten(no)

FUNCTION th(number):

    no <- int(number) - int(number) % 1000

    CALL play\_audio(str(no))

    no <- int(number) % 1000

    IF int(no) > 0 AND int(no) < 100 THEN

        CALL play\_audio("w")

        CALL ten(no)

    ELSE IF int(no) >= 100 THEN

        CALL play\_audio("w")

        CALL hun(no)

FUNCTION tenth(number):

    ten(str(int(number) // 1000))

    CALL play\_audio("1000")

    no <- int(number) % 1000

    IF int(no) > 0 AND int(no) < 100 THEN

        CALL play\_audio("w")

        CALL ten(no)

    ELSE IF int(no) >= 100 THEN

        CALL play\_audio("w")

        CALL hun(no)

FUNCTION hunth(number):

    hun(str(int(number) // 1000))

    play\_audio("1000")

    no <- int(number) % 1000

    IF int(no) > 0 AND int(no) < 100 THEN

        CALL play\_audio("w")

        CALL ten(no)

    ELSE IF int(no) >= 100 THEN

        CALL play\_audio("w")

        CALL hun(no)

number <- INPUT("enter No. Between 0-1000000: ")

WHILE True DO

    IF int(number) == 0 THEN

        CALL play\_audio("0")

    ELSE IF int(number) < 100 THEN

        CALL ten(number)

    ELSE IF int(number) < 1000 THEN

        CALL hun(number)

    ELSE IF int(number) < 10000 THEN

        CALL th(number)

    ELSE IF int(number) < 100000 THEN

        CALL tenth(number)

    ELSE IF int(number) < 1000000 THEN

        CALL hunth(number)

    ELSE IF int(number) == 1000000 THEN

        CALL play\_audio("1000000")

    ELSE

        PRINT "Error in your input."

    PRINT "Done: ", number

    choice <- INPUT("Do you want to continue? (1 to continue, 0 to exit): ")

    IF choice == "0" THEN

        PRINT "Good bye"

        BREAK

    ELSE IF choice == "1" THEN

        number <- INPUT("enter No. Between 0-1000000: ")

    ELSE

        PRINT "Invalid choice. Exiting..."

        BREAK