x 🡨 input(“Enter a number”)

sum 🡨 0

n 🡨 x

while n != 1 and n != 4:

while n > 0:

digit 🡨 reminder(n, 10)

n 🡨 coefficient (n, 10)

sum 🡨 sum + square(digit)

end

n 🡨 sum

sum 🡨 0

end

if n = 1:

output(“Given number is a happy number”)

else:

output(“Given number is not a happy number”)

end

