Algoritma Palindrom dan Reverse Word

Function isPalindrome(){

DECLARE

length = kata.length -1

reversed = “”

BEGIN

INPUT kata

while length >= 0

reversed += kata[length]

length --

end

IF reversed == kata

OUTPUT Kata ini adalah palindrom

ELSE

OUTPUT Kata ini bukan palindrom

END

}

Function reverseWord(){

DECLARE

I = 0,

length = word.length -1,

separator = “ “,

newArr = [],

temp = “”

reversed = “”

BEGIN

INPUT word

while i <= length

IF word[ I ] == separator then:

newArr += temp

temp = “”

ELSE

temp += word[i]

IF temp != “” then

newArr += temp

i ++

end

J = newArr.length -1

while J >= 0

IF J != 0 then:

reversed += newArr[ J ]

reversed += separator

ELSE

reversed += newArr[ J ]

J--

end

OUTPUT reversed

END

}