**Creating a program that takes in vendor transactions and calculates who made the most revenue**

*\*\* Declaring the list of parameters*  
PARAMETERS:  
 Vendor1 type String,  
 Vendor2 type String,  
 vendor3 type String.  
data:  
 length type i,  
 ven1total type i,  
 ven2total type i,  
 ven3total type i,  
 vendor type i,  
 total type i,  
 index type i.  
  
*\*\* getting the length of the string*

length = strlen( vendor1 ).  
ven1total = 0.

*\*\* Looping through the transactions and adding them together for a total*  
while index < length.  
  
 ven1total = ven1total + vendor1+index(1).  
  
 add 1 to index.  
  
 ENDWHILE.  
  
*\*\* Repeating previous steps getting length and looping through transactions*  
  
length = strlen( vendor2 ).  
ven2total = 0.  
index = 0.  
while index < length.  
  
 ven2total = ven2total + vendor2+index(1).  
  
 add 1 to index.  
  
 ENDWHILE.

*\*\* Repeating previous steps getting length and looping through transactions*  
  
length = strlen( vendor3 ).  
ven3total = 0.  
index = 0.  
while index < length.  
  
 ven3total = ven3total + vendor3+index(1).  
  
 add 1 to index.  
  
 ENDWHILE.

*\*\* writing out each total for the vendor*

write ven1total.  
  
 NEW-LINE.  
 write ven2total.  
  
 NEW-LINE.  
 write ven3total.

*\*\* Checking which vendor has the highest revenue through if statements*

if ven1total > ven2total and ven1total > ven3total.  
  
 write 'Vendor 1 has the largest revenue for today'.  
  
 ELSEIF ven2total > ven1total and ven2total > ven3total.  
  
 write 'vendor 2 has the largest revenue for today'.  
  
 ELSEIF ven3total > ven1total and ven3total > ven2total.  
 write 'vendor 3 has the largest revenue for today'.

ENDIF