A band has 3 classes of checking accounts as follows:

Class Type Charge per Item

Free Checking F No Charge

Regular R $ .15

Junior (children) J $ .05

Using the fields defined below, compute the total service charge for a customer using Nested and Sequential IF statements and then evaluate the statement.

01 INPUT-TYPE PIC X. (possible values are F, R, or J)

01 NUM-OF-ITEMS PIC 999.

01 SERVICE-CHARGE PIC 9(3)V99.

------------------------------------------------------------nested if-------------------------------------------------------------------

IF INPUT-TYPE = ‘R’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.15

ELSE

IF INPUT-TYPE = ‘J’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.05

ELSE

MOVE 0 TO SERVICE-CHARGE

END-IF

END-IF

----------------------------------------------------------sequential if----------------------------------------------------------------

IF INPUT-TYPE = ‘R’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.15.

END-IF.

IF INPUT-TYPE = ‘J’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.05.

END-IF.

IF INPUT-TYPE = ‘F’

MOVE 0 TO SERVICE-CHARGE

END-IF.

----------------------------------------------------------evaluate---------------------------------------------------------------------

EVALUATE INPUT-TYPE

WHEN ‘R’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.15

WHEN ‘J’

COMPUTE SERVICE-CHARGE = NUM-OF-ITEMS \* 0.05

WHEN ‘F’

MOVE 0 TO SERVICE-CHARGE

END-EVALUATE.

**WKSIF2.DOC**