A band has 3 classes of checking accounts as follows:

Class Type Charge per Item

Free Checking Any Char 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’S**

IF INPUT-TYPE = ‘R’

MULTIPLY NUM-OF-ITEMS BY .15 GIVING SERVICE-CHARGE

ELSE

IF INPUT-TYPE = ‘J’

MULTIPLY NUM-OG-ITEMS BY .05 GIVING SERVICE-CHARGE

ELSE

MOVE 0 TO SERVICE-CHARGE.

**SEQUENTIAL IF’S**

IF INPUT-TYPE = ‘R’

MULTIPLY NUM-OF-ITEMS BY .15 GIVING SERVICE-CHARGE.

IF INPUT-TYPE = ‘J’

MULTIPLY NUM-OF-ITEMS BY .05 GIVING SERVICE-CHARGE.

IF INPUT-TYPE NOT = ‘R’ AND NOT = ‘J’

MOVE 0 TO SERVICE-CHARGE.

**EVALUATE STATEMENT**

EVALUATE INPUT-TYPE

WHEN ‘R’

MULTIPLY NUM-OF-ITEMS BY .15 GIVING SERVICE-CHARGE

WHEN ‘J’

MULTIPLY NUM-OF-ITEMS BY .05 GIVING SERVICE-CHARGE

WHEN OTHER

MOVE 0 TO SERVICE-CHARGE.

**WKSIF2.DOC**