**CASE 5**

**PSEUDOCODE**

DECLARE ACOUNT, ECOUNT, ICOUNT, OCOUNT, UCOUNT, X: INTEGER

DECLARE STR: STRING

DECLARE CHAR1: CHARACTER

ACOUNT 🡨 0

ECOUNT 🡨 0

ICOUNT 🡨 0

OCOUNT 🡨 0

UCOUNT 🡨 0

X = 0

STR = ""

CHAR1 = ‘’

INPUT "Enter a string : ", STR

FOR X 🡨 1 To LEN(STR)

CHAR1 🡨 MID(STR, X, 1)

CHAR1 🡨 UPPER(CHAR1)

IF CHAR1 = ‘A’ THEN

ACOUNT 🡨 ACOUNT + 1

ELSEIF CHAR1 = ‘E’ THEN

ECOUNT 🡨 ECOUNT + 1

ELSEIF CHAR1 = ‘I’ THEN

ICOUNT 🡨 ICOUNT + 1

ELSEIF CHAR1 = ‘O’ THEN

OCOUNT 🡨 OCOUNT + 1

ELSEIF CHAR1 = ‘U’ THEN

UCOUNT 🡨 UCOUNT + 1

ENDIF

ENDIF

ENDIF

ENDIF

ENDIF

NEXT X

OUTPUT "Number of A : ", ACOUNT

OUTPUT "Number of E : ", ECOUNT

OUTPUT "Number of I : ", ICOUNT

OUTPUT "Number of O : ", OCOUNT

OUTPUT "Number of U : ", UCOUNT