FULLCODE: CALCULATE CHECK DIGIT:

MENU

VALID

NO

YES

CHOICE =1

VERIFY

CALCULATE CHECK DIGIT

START

END

START

NUMBER = total % 10

SUM 12

TOTAL = total + [number\*3]

NO

NO

TOTAL = TOTAL\*1

TIMES BY 3

TOTAL = 0

YES

YES

NO

12 DIGIT?

ENTER 12 DIGIT CODE