

FOR pet type

IF pet is a dog THEN

READ new dog

INPUT new information

READ returning dog

INPUT update information

ELSE pet is a cat THEN

READ new cat

INPUT new information

READ returning cat

INPUT update information

ENDIF

ENDFOR

FOR space availability

IF dog space is available THEN

CALCULATE remaining space by subtracting from 30

PRINT updated availability dog boarding space

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ELSE IF cat space is available THEN

    CALCULATE remaining space by subtracting from 12

    PRINT updated availability for cat boarding space

ELSE no availability THEN

    PRINT no availability, check back soon message

ENDIF

ENDFOR

FOR length of stay

    INPUT length of stay

    IF pet stay is longer than two days

        READ cat

        PRINT grooming not available for cats

        READ dog

        PRINT would you like your dog groomed

    ELSE pet stay is less than two days

        PRINT sorry, grooming service is unavailable

    ENDIF

ENDFOR
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ENDFOR

ASSIGN pet to a space