

CSCI 2310 Class Exercise

Write a segment of Java code that takes a word that has been stored into the String variable named *word* and classifies the word according to the following criteria

Type I: the word contains more *a*'s than *e*'s.

Type II: the word contains more *e*'s than *a*'s.

Type III: the word contains the same number of *a*'s and *e*'s --- and that number is non-zero

Type IV: the word contains no *a*'s and no *e*'s

Examples of each are given below:

Type I: *area* and *anaconda*

Type II: *ease* and *erie*

Type III: *ate*

Type IV: *ouch*

A sample output would be:

erie is a Type II word.