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abaca
abaci
aback
abacus
abaft
abalone
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abandoner

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snippet.java

```

HashMap<String, Integer> mWords = new HashMap<String, Integer>();
List<WordInfo> mWordList = new ArrayList<WordInfo>();
List<String> mMoumList = new ArrayList<String>();
List<String> mDoubleJaum = new ArrayList<String>();
List<String> mDoubleMoum = new ArrayList<String>();
private boolean mBroken = false;
private int mRearWordCount = 0;
private boolean mBrokedHistory;;

public static void main(String[] args) {
    MakeCode mc = new MakeCode();
    mc.start();
}

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snippet.java

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public MakeCode() {
    String moums = "yYuUiIoOpPhHjJkKlLbBnNmM";
    String moum = "";

    for (int i = 0; i < moums.length(); i++) {
        moum = moums.substring(i, i + 1);
        mMoumList.add(moum);
    }
}

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    }

    mDoubleJaum.add("rt"); // ㄹㅌ
    mDoubleJaum.add("sw"); // ㄴㅈ
    mDoubleJaum.add("sg"); // ㄴㅊ
    mDoubleJaum.add("fr"); // ㄹㅍ
    mDoubleJaum.add("fa"); // ㄹㅍ
    mDoubleJaum.add("fq"); // ㄹㅈ
    mDoubleJaum.add("ft"); // ㄹㅈ
    mDoubleJaum.add("fx"); // ㄹㅈ
    mDoubleJaum.add("fv"); // ㄹㅈ
    mDoubleJaum.add("fg"); // ㄹㅈ
    mDoubleJaum.add("qt"); // ㅁㅌ

    mDoubleMoum.add("hk"); // ㅏ
    mDoubleMoum.add("ho"); // ㅏ
    mDoubleMoum.add("hl"); // ㅏ
    mDoubleMoum.add("nj"); // ㅏ
    mDoubleMoum.add("np"); // ㅏ
    mDoubleMoum.add("nl"); // ㅏ
    mDoubleMoum.add("ml"); // ㅏ

}

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snippet.java

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private void start() {
    // TODO Auto-generated method stub

    // read
    BufferedReader br = null;
    try {
        br = new BufferedReader(new FileReader("words.txt"));

        StringBuilder sb = new StringBuilder();
        String line = br.readLine();

        while (line != null) {

            boolean bAdd = false;

            int leng = getKoreanLength(line);

            if (hasBroken() || leng >= 3){
                bAdd = true;
            }
            else {

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        line = br.readLine();
        continue;
    }

    mWordList.add(new WordInfo(line, leng));
    mWords.put(line, leng);

    //
    line = Character.toUpperCase(line.charAt(0))
        + line.substring(1);
    leng = getKoreanLength(line);
    mWordList.add(new WordInfo(line, leng));
    mWords.put(line, leng);

    line = br.readLine();
}
} catch (Exception e) {

} finally {
    try {
        br.close();
    } catch (IOException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

// write
try {
    //
    //////////////////////////////////////
    BufferedWriter out = new BufferedWriter(new
    FileWriter("out.txt"));

    for (WordInfo wi : mWordList) {
        String key = wi.mWord;
        int cnt = wi.mCnt;

        out.write(":*:"+key+":\n");
        out.write("        E("+cnt+")\n");
        out.write("        return\n");

    }

//      for (Entry<String, Integer> entry : sortedMap.entrySet())
//  {
//      String key = entry.getKey();
//      Integer cnt = entry.getValue();
//
//      out.write(":*:"+key+":\n");
//      out.write("        WRITE_IN_ENGLISH(\""+key+"\",

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"+cnt+")\n");
//          out.write("          return\n");
//          }

//          String s = "          .";
//
//          out.write(s);
//          out.newLine();
//          out.write(s);
//          out.newLine();

        out.close();
        //
////////////////////////////////////
    } catch (IOException e) {
        System.err.println(e); // 가
        System.exit(1);
    }

}

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snippet.java

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public int getKoreanLength(String line) {
    mBrokedHistory = false;

    //          가 가?
    int longest = getLongestSameWord(line);

    //          가 , .
    String korWord = line.substring(longest);

    mRearWordCount = 0;

    String lastChar = "";

    STATE next = STATE.CHOSUNG;
    for (String stroke : korWord.split("")) {
        if (next == STATE.CHOSUNG) {
            if (isMoum(stroke)) {
                next = STATE.JUNGSUNG_DOUBLE;
                setBroken();
            } else {
                next = STATE.CHOSUNG_DOUBLE;
            }
        } else if (next == STATE.CHOSUNG_DOUBLE) {
            if (isMoum(stroke)) {
                next = STATE.JUNGSUNG_DOUBLE;
            }
        }
    }
}

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    } else if (isDoubleJaum(lastChar, stroke)) {
        next = STATE.JUNGSUNG;
    } else {
        setBroken();
        addLength();
        next = STATE.CHOSUNG_DOUBLE;
    }
} else if (next == STATE.JUNGSUNG_DOUBLE) {
    if (isDoubleMoum(lastChar, stroke)) {
        if (isBroken()) {
            next = STATE.CHOSUNG;
            addLength();
        } else {
            next = STATE.JONGSUNG;
        }
    } else if (isMoum(stroke)) {
        addLength();
        setBroken();
        next = STATE.JUNGSUNG_DOUBLE;
    } else {
        if (isBroken()) {
            addLength();
            next = STATE.CHOSUNG_DOUBLE;
        } else {
            next = STATE.JONGSUNG_DOUBLE;
        }
    }
} else if (next == STATE.JUNGSUNG) {
    if (isMoum(stroke)) {
        next = STATE.JUNGSUNG_DOUBLE;
    } else {
        addLength();
        next = STATE.JUNGSUNG;
    }
} else if (next == STATE.JONGSUNG) {
    if (isMoum(stroke)) {
        addLength();
        setBroken();
        next = STATE.JUNGSUNG_DOUBLE;
    } else {
        next = STATE.JONGSUNG_DOUBLE;
    }
} else if (next == STATE.JONGSUNG_DOUBLE) {
    if (isMoum(stroke)) {
        addLength();
        next = STATE.JUNGSUNG_DOUBLE;
    } else {
        //
        if (isDoubleJaum(lastChar, stroke)) {
            next = STATE.CHOSUNG;
            addLength();
        }
    }
}

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        } else {
            next = STATE.JUNGSUNG;
            addLength();
        }
    }

    lastChar = stroke;
}

if (next != STATE.CHOSUNG) {
    addLength();
}

System.out.println(line + "\tSplit:" + longest + ":" + korWord
    + "\tCNT:" + mRearWordCount);

return longest + mRearWordCount;
}

private boolean isBroken() {
    return mBroken;
}
```

- [Java](#)

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Last update: **2020/06/02 09:25**

