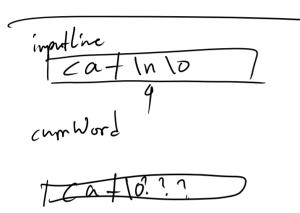
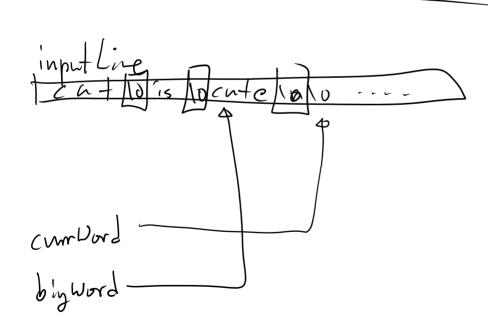
```
import java.io.*;
                                                                 #include <stdio.h>
                                                                 #include <stdlib.h>
public class Biggest
                                                                 #include <string.h>
  public static void main(String[] args)
                                                                 #define LINE MAX 2000
  {
    BufferedReader fileIn;
                                                                 Int main ()
    PrintWriter fileOut;
    String inputLine;
                                                                 char inputLine[LINE MAX];
    String currWord = "";
                                                                 char currWord[LINE MAX];
    String bigWord = null;
                                                                 char bigWord[LINE_MAX];
    int bigWeight = 0;
                                                                 int bigWeight = 0;
    int weight = 0;
                                                                 int weight = 0;
    int index;
                                                                 int index;
    int line = 0;
                                                                 int line = 0;
                                                                 int indexCurrWord = 0;
    try
                                                                 while(fgets(inputLine, LINE_MAX, stdin)){
    {
      fileIn = new BufferedReader(new FileReader("in.txt"));
                                                                  index = 0;
      fileOut = new PrintWriter(new FileWriter("out.txt"));
                                                                  line++;
                                                                  bigWord[0] = '\0';
      inputLine = fileIn.readLine();
                                                                  bigWeight = 0;
      while (inputLine != null)
                                                                  while( index < strlen( inputLine ) )
      {
                                                                  {
         index = 0;
                                                                            weight = 0;
         line++;
                                                                            currWord[0] = '\0';
         bigWord = null;
                                                                            indexCurrWord = 0;
         bigWeight = 0;
                                                                            while (index < strlen(inputLine) &&
                                                                                (inputLine[index] != ' ' &&
                                                                                inputLine{index] != '\t') QQ
         while (index < inputLine.length())
                                                                              currWord[indexCurrWord] +=
           weight = 0;
           currWord = "";
                                                                 inputLine[index];
           while (index < inputLine.length() &&
                                                                              weight += inputLine[index];
               (inputLine.charAt(index) != ' ' &&
                                                                              index++;
                                                                              indexCurrWord++;
               inputLine.charAt(index) != '\t'))
                                                                             (um Word [index Cur Dord]= '(0')
             currWord += inputLine.charAt(index);
                                                                            if (weight > bigWeight)
             weight += inputLine.charAt(index);
             index++;
                                                                              strcpy( bigWord, currWord );
           }
                                                                              bigWeight = weight;
           if (weight > bigWeight)
             bigWord = currWord;
                                                                            index++;
             bigWeight = weight;
                                                                  }
           }
                                                                         if (bigWord[0] != '\0')
                                                                         {
           index++;
        }
                                                                         }
        if (bigWord != null)
                                                                 return 0;
         {
           fileOut.print( "line " + line + "'s word: " + bigWord ); }
           fileOut.println();
         }
         inputLine = fileIn.readLine();
      }
```

```
fileIn.close();
    fileOut.close();
}

catch (IOException ioe)
{
    System.out.println(ioe.getMessage());
    ioe.printStackTrace();
}
}
```





5//

Louble power (double value, double fucts); 1/ board should not be NULL int Fon (Board & board) brand cannot be NULL (churt) strap (...) int fon (Bourd + par) { assert (ptr != NULL); if (ptr!=NULL) ?

program

int fructs

int Amate A

hssent (--)

F-funtim partones correctly

Let any o'm time

- to make swe it's workly the,

make a test wing scatally.

- assert / if

check your pre-/post-conditus

are right,

Design by Contract

- if you write code, and then write test, you may miss something

int check Sorted (int x array, int size)

[int check Sorted (int x array, int size)

[return 0;

]

[return 0;

void test CheckSorted () ?

int JutalJ= { 1, 0 };

assert (!checkSorted(NML, 0));

assert (!checkSorted(Jeta, 0));

assert (checkSorted(Jeta, 1));

assert (checkSorted(Jeta, 1));

Test Driver Development
- Write test first
- make your fractly pass
all tests.

printf (");



Alnoh (stdout); v