String URLify

private static char[] replaceSpaceInString(char[] str, int length) {

int spaceCounter = 0;

//calculate number of spaces

for (int i = 0; i < length; i++) {

if (str[i] == ' ')

spaceCounter++;

}

//calculate new size

int newLength = length + 2\*spaceCounter;

char[] newArray = new char[newLength+1];

newArray[newLength] = '\0';

int newArrayPosition = 0;

for (int i = 0; i < length; i++) {

if (str[i] == ' ') {

newArray[newArrayPosition] = '%';

newArray[newArrayPosition+1] = '2';

newArray[newArrayPosition+2] = '0';

newArrayPosition = newArrayPosition + 3;

}

else {

newArray[newArrayPosition] = str[i];

newArrayPosition++;

}

}

return newArray;

}

public static void main(String[] args) {

// CodingInterview tst = new CodingInterview();

String s = "KOmal Suthar";

char[] array = s.toCharArray();

System.out.println(replaceSpaceInString(array, array.length));

}

}