A2 Gradescope Tests

Test 1 – input contains no names.

```
DONE
```

Test 2 – two names with the same Soundex

```
Smith
Smythe
DONE
```

Test 3 – two names with the same Soundex

```
Liang
Leung
DONE
```

Test 4 – two names with different Soundex

```
Smith
Liang
DONE
```

Test 5 – two fake names consisting entirely of vowels, with the same (zero-padded) Soundex

```
Eeeee
Eaaaa
DONE
```

Test 6 – three names with the same Soundex

```
Smith
Schmidt
Smythe
DONE
```

Test 7 – two pairs of names with the same Soundex

```
Davies
Davis
Liang
Leung
DONE
```

Test 8 – pairs of names (some artificial) with increasingly long strings of identical letters (both vowels and consonants)

```
Jonston
Joonston
Davidson
Davvvidson
Peterson
Peteeeerson
Simpson
Simpppppson
Richardson
Riccccccchardson
DONE
```

Test 9 – two names which differ only in the first character, one of which is a vowel.

```
Ng
Ang
DONE
```

Test 10 – pairs of artificial names that test all numerical encoding categories in different orders.

```
Abcdlmr
Abbccddllmmrr
Acdlmrb
Accddllmmrrbb
Adlmrbc
Addllmmrrbbcc
Almrbcd
Allmmrrbbccdd
DONE
```

Test 11 – random character strings

```
Oj
WGQwPQxBM
FfNmfpo
Cvjd
PmojdZmgDXSzF
TclIw
NQWiLmTrSe
UK
VcjywFt
Ts
ZvVCU
Wt
QoEHT
```

```
YLeRreN
GPdOmzEQxqY
MpzwhTpEQoyUq
LhGXFOIUQk
VVcpdcqsIiBOP
LstozKxOWfgrGp
AnDuBdl
VlFcWjIpeloKA
AGTU
Jpqo
HxHAH
ZCiQ
MHUpQLOMAUsqEM
AjuIImeJpsH
ByUHHqiYE
VFhQnIbHPaDcMPHd
BgyzUkIuXoH
ZLoxIhMMUnQrBb
CClimXIjwOJZO
QNttluMnm
All
IOTFAo
WQbMiAJlbxFd
JA
QoXabghojZQT
OGPwW
HKaSHfTlyPfRTWC
KkNeZpr
KcEufTctHZ
CN
RCAWTPmZbmkeUYo
DsbfrPtB
Affje
GlbeTDlAjdiJjMwA
PGUmpGANaBmr
NYaHilAQX
SkOjxhyJFGPK
IDppSR
HzJcjVDR
HhgoUm
PlfCOODF
Kdwjtddr
JNkVaTvqqGxgd
WRXUydg
BTbwJbjhoETOH
AT
GSRnGrbe
OFFCSGKQqhsoV
UOHIaSj
WCRGlAijwcKwUyI
```

```
VIHAhztX
EoHMmqePwtBifj
VOsgliIZqLMvGmwK
GNoPFHIsy
HGsqcvEyd
YEznyytMdlfC
EoOZPZnFU
EhmT
AVHpFvEADbcDP
QQCUT
URgLisFXeau
SXlbWdDFISHkx
RPkyuIra
TCU
KynpguNl
AL
Baq
YpXBVweCBK
Sswcs
HYBNAp
EaNyAyEHVjadcFmG
UANXsZNzBl
OAQDWykUl
JdSKdqUtMW
OpLHWewwsKk
QjgVQLK
LlbheCTFPykHW
HHvqubpabQi
OpPgOiPO
YOAqlztMfrrRi
WxFWBiUDPfDZ
YsvXHHN
XKVAwIiv
RERBtnRANdweFUgw
FpKLNNrLL
QpDtPzl
DONE
```

Test 12 – Random character strings

```
yilaxkaiih
namnfaef
unarviwot
eqkmmjnpshisug
epcaisiieuwie
adudoeuboaccyb
qfippdziplem
hauouoano
oouqteowwvcd
```

```
jsaaao
unrvwt
pgafuyuofaedbrroxhfue
toeunwuayruoyplad
kaufeuuelectlienelu
rluiuileukjjeaw
fqzorylzkeqliokq
carrab
cnfpferwkkpdb
hieaugmajarizaulc
oipiioce
biussasxiauvqjaux
txvxufyv
addeubaccyb
kvynjiwsfzrjs
ylaxkh
xoaofujeduu
cjyiieijjuoiioulcwoiy
oeopsexeiwiinyi
ryltdbvnnyx
souiuebwhgioszioiuadoeomzqpr
eeipegurybziiosohw
kokxelieadauxzva
kabkwgoaagaej
bybkhpntaio
vgaavkqertroiionr
aoajde
xzchkiraotx
onbfarzybam
kunmpibhkzu
fquuzaorylizkeqoliuoakq
vgavkqrtrnr
lxvmojczonkieficows
onbfarzyboaoaem
ffcopth
opice
xifekqcuoil
biusssxavqjx
ixcejoeileitr
onsxn
vmcnimhv
jhndcjjtjx
whaiabyrwuogoir
pwdalyt
fyjieno
sephkuqioelwobq
lxvmojcznkifcws
tonwayrypld
caueyoewuyb
segsxtn
```

```
jnzinovbgow
haugmjrizlc
sdmysf
onusaxn
kvyonjiwsfouzrjs
amgiwxwypsqdtwfe
vybsjaizkukimnsl
hluzddc
jbgznugixsto
kjpisibcxree
vvileeoiszibacc
riemvm
vklgodd
vybsjzkkmnsl
nombpf
noumbopef
vrjmktexks
sjtonqbwbuyir
cbonyzzgin
xofujdu
aajde
vyqhheauycatp
twbiveodafzc
uqshnjuc
ttpfwimx
hauono
pgfyfdbrrxhfe
cueyowuyb
qnelyn
leaiiinlxzrcaiieoeblmis
ekpyjacmglx
ekpyjaacemglx
kkxliduxzva
revuawqsyqtoroueczl
dupicsq
duciiefbaqsameaseuscc
makaiiudaho
fiuyejieuano
amegieiuiiwxwiypusqaudotwofe
ciovuhqaweeqyotzefbgoouf
fmeiaapdvaz
eeipegrybzshw
qsccvrv
ffcpth
carerab
vavalssewcmo
dodgiotusaebvewbooauop
foyzieljig
haigvpbwohaek
twpnefgbwpgytoe
```

```
awlwutjg
crgokecebsqibaueaaebnu
nrokduklwihazbuiuiuleoaiiixh
vujmawdaomzeziiiarg
cjyjjoilcwoiy
auweleiweiutjg
rlulekjjw
sueiiugsxton
ouqtewwvcd
jnziniovbgiow
sphkqelwbq
pwdlyt
twopeuneifgbwpagaoyataoe
aoixmub
trmtdudcxo
vmcnouimehv
qnlyn
jhiodlj
axmub
boybkhpnteiaio
vooeijzw
byiqjhtvcjavchb
oeeoooopsexeiuawiaiunyi
rvuwqsyqtroeczl
dybghkx
mepkjmebilq
cvhqawqyotzfbgof
jboigznugixsuuiuotao
epcisiuwe
qsoaoeaccvrv
qfippudezeiplem
tjudusjzipqwakov
teramotaduducxo
dsewiwconiweeeor
kafulectlnlu
uwswwxleglmpdsb
kjpiosieboicxurouee
cbonyoezzguin
sebwhgoszidmzqpr
qzeqwsxe
crgkcbsqibabnu
xzchkrtx
kbkwgagj
cunfupufierwkkpdiouob
vauovaolseseaauwcuamo
whibyrwugr
vjmawdmzzirg
sdmoysf
wzeltkttylqrd
flkrhpv
```

```
hlzddc
linlxzrcaeblms
virijeoemikteoxks
doiybghkx
flikurheapuv
xifkqcol
sjtuiaonuqoboiwibouyir
hagvpbwhk
kuanmpaibhkzu
juehiodliej
makdaho
wzeluetukatitylqrd
dpcsq
byiqjeehtvcjuiavochb
uaoqushaonjuuc
mgfqjvxgjkrj
viyqoihueheauyaceatp
riyletoadbivonenyx
johendicjjotaejx
tjudsjzpqwkv
eqkmmijunpshiosuog
raieamvm
vvilszbcc
mpkjmeblq
dsewwcnwer
jsaao
voejzw
mgfeoqjavxgjkrj
fmipdvz
ixcejlitr
dcifbaqsmesscc
txveexeauaofyv
uuwsewweoexalegalemipidusb
viklgoedod
qozeqwsxoe
fyziljg
ddgtsbvewboop
ttpfwuiemx
nmnfef
nrkdklwhzbuilixh
twbvdfzc
DONE
```

Test 13 – sample given in assignment description

```
Liang
Smythe
Smith
Davies
```

```
Davis
Johnson
Xiang
Domaratzki
Johanssen
Leung
DONE
```