Problem 2: Decryption (decryptStory)

Week 6 > Problem Set 6 > Problem 2: Decryption (decryptStory)

(5/5 points)

Now that you have all the pieces to the puzzle, please use them to decode the file `story.txt`. In the skeleton file, you will see a method `getStoryString()` that will return the encrypted version of the story. Fill in the following function; it should create the wordList, obtain the story, and then decrypt the story. Be sure you've read through the whole file to see what helper functions we've defined for you that may assist you in these tasks! This function will be only a few lines of code (our solution does it in 4 lines).

Test 1: decryptStory: ('Zazeqzeq iadpe: dqbdapgofuaz bmeeqzsqd pgq fqddunxq qjotmzsq')

Output:

```
'Nonsense words: reproduction passenger due terrible exchange'
```

Test 2: decryptStory: ('Lmlqclqc umpbq: pcnpmbsargml nyqqclecp bsc rcppgzjc cvafylec')

Output:

```
'Nonsense words: reproduction passenger due terrible exchange'
```

Test 3: decryptStory: ('Bcbgsbgs kcfrg: fsdfcriqhwcb doggsbusf ris hsffwpzs slqvobus')

Output:

```
'Nonsense words: reproduction passenger due terrible exchange'
```

Test 4: decryptStory: ('Nonsense words: reproduction passenger due terrible exchange')

Output:

```
'Nonsense words: reproduction passenger due terrible exchange'
```

Test 5: decryptStory: ('Vmow Rxadqk ue m ykftuomx otmdmofqd odqmfqp az ftq ebgd ar m yayqzf\nfa tqxb oahqd mz uzegrruouqzfxk bxmzzqp tmow. Tq tme nqqz dqsuefqdqp\nrad oxmeeqe mf YUF fiuoq nqradq, ngf tme dqbadfqpxk zqhqd bmeeqp m\noxmee. Uf tme nqqz ftq fdmpufuaz ar ftq dqeupqzfe ar Qmef Omybge fa\nnqoayq Vmow Rxadqk rad m rqi zustfe qmot kqmd fa qpgomfq uzoayuzs\nefgpqzfe uz ftq imke, yqmze, mzp qftuoe ar tmowuzs.\n')

Output:

```
'Jack Florey is a mythical character created on the spur of a moment\nto help
cover an insufficiently planned hack. He has been registered\nfor classes at
MIT twice before, but has reportedly never passed a\nclass. It has been the
```

```
tradition of the residents of East Campus to\nbecome Jack Florey for a few
nights each year to educate incoming\nstudents in the ways, means, and ethics
of hacking.\n'
```

Test 6: decryptStory: ('Hyai Djmpcw gq y kwrfgayj afypyarcp apcyrcb ml rfc qnsp md y kmkclr\nrm fcjn amtcp yl glqsddgagclrjw njyllcb fyai. Fc fyq zccl pcegqrcpcb\ndmp ajyqqcq yr KGR rugac zcdmpc, zsr fyq pcnmprcbjw lctcp nyqqcb y\najyqq. Gr fyq zccl rfc rpybgrgml md rfc pcqgbclrq md Cyqr Ayknsq rm\nzcamkc Hyai Djmpcw dmp y dcu lgefrq cyaf wcyp rm cbsayrc glamkgle\nqrsbclrq gl rfc uywq, kcylq, ylb crfgaq md fyaigle.\n')

Output:

```
'Jack Florey is a mythical character created on the spur of a moment\nto help
cover an insufficiently planned hack. He has been registered\nfor classes at
MIT twice before, but has reportedly never passed a\nclass. It has been the
tradition of the residents of East Campus to\nbecome Jack Florey for a few
nights each year to educate incoming\nstudents in the ways, means, and ethics
of hacking.\n'
```

Test 7: decryptStory: ('Xoqy Tzcfsm wg o amhvwqoz qvofoqhsf qfsohsr cb hvs gdif ct o acasbh\nhc vszd qcjsf ob wbgittwqwsbhzm dzobbsr voqy. Vs vog pssb fsuwghsfsr\ntcf qzoggsg oh AWH hkwqs pstcfs, pih vog fsdcfhsrzm bsjsf doggsr o\nqzogg. Wh vog pssb hvs hforwhwcb ct hvs fsgwrsbhg ct Sogh Qoadig hc\npsqcas Xoqy Tzcfsm tcf o tsk bwuvhg soqv msof hc sriqohs wbqcawbu\nghirsbhg wb hvs komg, asobg, obr shvwqg ct voqywbu.\n')

Output:

```
'Jack Florey is a mythical character created on the spur of a moment\nto help
cover an insufficiently planned hack. He has been registered\nfor classes at
MIT twice before, but has reportedly never passed a\nclass. It has been the
tradition of the residents of East Campus to\nbecome Jack Florey for a few
nights each year to educate incoming\nstudents in the ways, means, and ethics
of hacking.\n'
```

Test 8: decryptStory: ('Jack Florey is a mythical character created on the spur of a moment\nto help cover an insufficiently planned hack. He has been registered\nfor classes at MIT twice before, but has reportedly never passed a\nclass. It has been the tradition of the residents of East Campus to\nbecome Jack Florey for a few nights each year to educate incoming\nstudents in the ways, means, and ethics of hacking.\n')

Output:

```
'Jack Florey is a mythical character created on the spur of a moment\nto help
cover an insufficiently planned hack. He has been registered\nfor classes at
MIT twice before, but has reportedly never passed a\nclass. It has been the
tradition of the residents of East Campus to\nbecome Jack Florey for a few
nights each year to educate incoming\nstudents in the ways, means, and ethics
of hacking.\n'
```

Test 9: decryptStory: ('Zazeqzeq iadpe: tmdhqef rgxx xuyn efduof nxaap duhmxdk ekybmftk mffqzfuhq rqxxaietub tqmhqzxk pqmr ndaiz nmow dqbgnxuo nqmef')

Output:

```
'Nonsense words: harvest full limb strict blood rivalry sympathy attentive
fellowship heavenly deaf brown back republic beast'
```

Test 10: decryptStory: ('Lmlqclqc umpbq: fyptcqr dsjj jgkz qrpgar zjmmb pgtyjpw qwknyrfw yrrclrgtc dcjjmuqfgn fcytcljw bcyd zpmul zyai pcnszjga zcyqr')

Output:

```
'Nonsense words: harvest full limb strict blood rivalry sympathy attentive
fellowship heavenly deaf brown back republic beast'
```

Test 11: decryptStory: ('Bcbgsbgs kcfrg: vofjsgh tizz zwap ghfwqh pzccr fwjozfm gmadohvm ohhsbhwjs tszzckgvwd vsojsbzm rsot pfckb poqy fsdipzwq psogh')

Output:

```
'Nonsense words: harvest full limb strict blood rivalry sympathy attentive
fellowship heavenly deaf brown back republic beast'
```

Test 12: decryptStory: ('Nonsense words: harvest full limb strict blood rivalry sympathy attentive fellowship heavenly deaf brown back republic beast')

Output:

```
'Nonsense words: harvest full limb strict blood rivalry sympathy attentive
fellowship heavenly deaf brown back republic beast'
```

Test 13: decryptStory: ('Zazeqzeq iadpe: nms oaybqfq oudoxq pqeodunq dqbgfmfuaz cgmzfufk qmek mxdqmpk vak fqybqdmfgdq amd yafad mzkazq dqbqfufuaz sap iuz exqqb dqhqzsq oagzoux rmetuaz rad mzeiqd abqdmfad qybudq eayqftuzs nqmw dqbmud iqmd imfot yqddk tuzpqd oazpufuaz sudx baef zgdeqdk')

Output:

```
'Nonsense words: bag compete circle describe reputation quantity easy already
joy temperature oar motor anyone repetition god win sleep revenge council
fashion for answer operator empire something beak repair wear watch merry hinder
condition girl post nursery'
```

Test 14: decryptStory: ('Lmlqclqc umpbq: zye amkncrc agpajc bcqapgzc pcnsryrgml osylrgrw cyqw yjpcybw hmw rckncpyrspc myp kmrmp ylwmlc pcncrgrgml emb ugl qjccn pctclec amslagj dyqfgml dmp ylqucp mncpyrmp ckngpc qmkcrfgle zcyi pcnygp ucyp uyraf kcppw fglbcp amlbgrgml egpj nmqr lspqcpw')

Output:

```
'Nonsense words: bag compete circle describe reputation quantity easy already
joy temperature oar motor anyone repetition god win sleep revenge council
fashion for answer operator empire something beak repair wear watch merry hinder
condition girl post nursery'
```

Test 15: decryptStory: ('Bcbgsbgs kcfrg: pou qcadshs qwfqzs rsgqfwps fsdihohwcb eiobhwhm sogm ozfsorm xcm hsadsfohifs cof achcf obmcbs fsdshwhwcb ucr kwb gzssd fsjsbus qcibqwz togvwcb tcf obgksf cdsfohcf sadwfs gcashvwbu psoy fsdowf ksof kohqv asffm vwbrsf qcbrwhwcb uwfz dcgh bifgsfm')

Output:

```
'Nonsense words: bag compete circle describe reputation quantity easy already
joy temperature oar motor anyone repetition god win sleep revenge council
fashion for answer operator empire something beak repair wear watch merry hinder
condition girl post nursery'
```

Test 16: decryptStory: ('Nonsense words: bag compete circle describe reputation quantity easy already joy temperature oar motor anyone repetition god win sleep revenge council fashion for answer operator empire something beak repair wear watch merry hinder condition girl post nursery')

Output:

```
'Nonsense words: bag compete circle describe reputation quantity easy already
joy temperature oar motor anyone repetition god win sleep revenge council
fashion for answer operator empire something beak repair wear watch merry hinder
condition girl post nursery'
```