Perez, Eric Gabriel L.
2ECE-A

Experiment 6: Base Python for Scientific Computing
Program Screenshots

isWordGuessed function:

```
In [22]: runfile('/Users/sierra/Desktop/ECE2112/isWordGuessed.py', wdir='/Users/sierra/Desktop/ECE2112')

In [23]: secretWord = 'apple'

In [24]: lettersGuessed = ['e' , 'i' , 'k' , 'p' , 'r' , 's' ]

In [25]: print(isWordGuessed(secretWord,lettersGuessed))
False

In [26]: runfile('/Users/sierra/Desktop/ECE2112/isWordGuessed.py', wdir='/Users/sierra/Desktop/ECE2112')

In [27]: secretWord = 'apple'

In [28]: lettersGuessed = ['e' , 'a' , 'l' , 'p' , 'e']

In [29]: print(isWordGuessed(secretWord,lettersGuessed))
True
```

getGuessedWord function:

```
In [30]: runfile('/Users/sierra/Desktop/ECE2112/getGuessedWord.py', wdir='/Users/sierra/Desktop/ECE2112')

In [31]: secretWord = 'apple'

In [32]: lettersGuessed = ['e' , 'i' , 'k' , 'p' , 'r' , 's' ]

In [33]: print(getGuessedWord(secretWord,lettersGuessed))
_pp_e

In [34]: runfile('/Users/sierra/Desktop/ECE2112/getGuessedWord.py', wdir='/Users/sierra/Desktop/ECE2112')

In [35]: secretWord = 'apple'

In [36]: lettersGuessed = ['e' , 'a' , 'l' , 'p']

In [37]: print(getGuessedWord(secretWord,lettersGuessed))
apple
```

getAvailableLetters function:

```
In [38]: runfile('/Users/sierra/Desktop/ECE2112/getAvailableLetters.py', wdir='/Users/sierra/Desktop/ECE2112')

In [39]: lettersGuessed = ['e' , 'i' , 'k' , 'p' , 'r' , 's' ]

In [40]: print(getAvailableLetters(lettersGuessed))
abcdfghjlmnoqtuvwxyz
```

Hangaroo Function:

```
In [43]: runfile('/Users/sierra/Desktop/ECE2112/Hangaroo.py', wdir='/Users/sierra/Desktop/ECE2112')
Welcome to HANGAROO!
I am thinking of a word with 5 letters.


You have 5 chances left.
Available Letters: abcdefghijklmnopqrstuvwxyz

Input your guess: a
Sana all! Good guess! Here is the word now: a_ _ _ _


You have 5 chances left.
Available Letters: bcdefghijklmnopqrstuvwxyz

Input your guess: p
Sana all! Good guess! Here is the word now: app_ _


You have 5 chances left.
Available Letters: bcdefghijklmnopqrstuvwxyz

Input your guess: l
Sana all! Good guess! Here is the word now: appl_


You have 5 chances left.
Available Letters: bcdefghijkmnopqrstuvwxyz

Input your guess: e
Sana all! Good guess! Here is the word now: apple


You have guesses the word. Congratulations!

In [46]: runfile('/Users/sierra/Desktop/ECE2112/Hangaroo.py', wdir='/Users/sierra/Desktop/ECE2112')
Welcome to HANGAROO!
I am thinking of a word with 5 letters.


You have 5 chances left.
Available Letters: abcdefghijklmnopqrstuvwxyz

Input your guess: j
Oof again! That letter is not in the word. Here is the word now: _ _ _ _ _


You have 4 chances left.
Available Letters: abcdefghiklmnopqrstuvwxyz

Input your guess: k
Oof again! That letter is not in the word. Here is the word now: _ _ _ _ _


You have 3 chances left.
Available Letters: abcdefghilmnopqrstuvwxyz

Input your guess: p
Sana all! Good guess! Here is the word now: _ pp _ _


You have 3 chances left.
Available Letters: abcdefghilmnopqrstuvwxyz

Input your guess: n
Oof again! That letter is not in the word. Here is the word now: _ pp _ _


You have 2 chances left.
Available Letters: abcdefghilmoqrstuvwxyz

Input your guess: o
Oof again! That letter is not in the word. Here is the word now: _ pp _ _


You have 1 chances left.
Available Letters: abcdefghilmqrstuvwxyz

Input your guess: r
Oof again! That letter is not in the word. Here is the word now: _ pp _ _


Hope you will do better next time! The word was apple
```