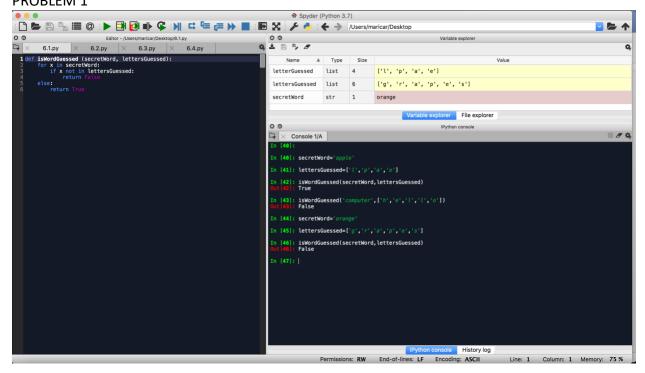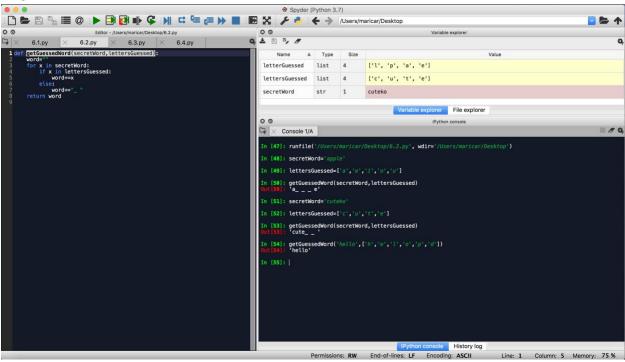AUDITOR, Maricar L.
PROBLEM 1

PROBLEM 2

PROBLEM 3


```python
import string
def getAvailableLetters(lettersGuessed):
    out=''
    alphabet=string.ascii_lowercase
    for x in alphabet:
        if x in lettersGuessed:
            continue
        else:
            out+=x
    return out
```

Variable explorer

Name	Type	Size	Value
letterGuessed	list	4	['l', 'p', 'a', 'e']
lettersGuessed	list	5	['a', 'e', 'i', 'o', 'u']
secretWord	str	1	cuteko

IPython console

```
In [55]: runfile('/Users/maricar/Desktop/6.3.py', wdir='/Users/maricar/Desktop')

In [56]: lettersGuessed=['a','e','i','o','u']

In [57]: getAvailableLetters(lettersGuessed)
Out[57]: 'bcdfghjklmnpqrstvwxyz'

In [58]:
```

PROBLEM 4


```python
def isWordGuessed (secretWord, lettersGuessed):
    for x in secretWord:
        if x not in lettersGuessed:
            return False
    else:
        return True

def getGuessedWord(secretWord,lettersGuessed):
    word=""
    for x in secretWord:
        if x in lettersGuessed:
            word+=x
        else:
            word+="_ "
    return word

import string
def getAvailableLetters(lettersGuessed):
    out=''
    alphabet=string.ascii_lowercase
    for x in alphabet:
        if x in lettersGuessed:
            continue
        else:
            out+=x
    return out

def hangaroo(secretWord):
    print("Hi! Welcome to Hangaroo!")
    print("You are challenged to guess for the secret word!")
    lettersGuessed=[]
    mistakesMade=0
    while (secretWord!=lettersGuessed):
        if secretWord!= getGuessedWord(secretWord,lettersGuessed):
            print("These are the available letters: ", getAvailableLette
            print(getGuessedWord (secretWord, lettersGuessed))
            print("Mistakes Made= ",mistakesMade)
            guess=input("Please guess a letter: ")
            guessInLowerCase = guess.lower()

            if guessInLowerCase not in secretWord and guessInLowerCase n
                mistakesMade+=1
                print("Wrong guess-- Try again! ")

            elif guessInLowerCase not in secretWord and guessInLowerCase u
                print("You have already guessed that letter!-- Please tr

            elif guessInLowerCase in secretWord and guessInLowerCase in
                print("You have already guessed that letter!-- Please tr
```

Variable explorer

Name	Type	Size	Value
letterGuessed	list	4	['l', 'p', 'a', 'e']
lettersGuessed	list	5	['a', 'e', 'i', 'o', 'u']
secretWord	str	1	cuteko

IPython console

```
In [59]: runfile('/Users/maricar/Desktop/6.4.py', wdir='/Users/maricar/Desktop')

In [60]: hangaroo('cuteako')
Hi! Welcome to Hangaroo!
You are challenged to guess for the secret word!
These are the available letters:  abcdefghijklmnopqrstuvwxyz
_ _ _ _ _ _ _
Mistakes Made= 0

Please guess a letter: C
Correct guess!
These are the available letters:  abdefghijklmnopqrstuvwxyz
c_ _ _ _ _ _
Mistakes Made= 0

Please guess a letter: U
Correct guess!
These are the available letters:  abdefghijklmnopqrstvwxyz
cu_ _ _ _ _
Mistakes Made= 0

Please guess a letter: T
Correct guess!
These are the available letters:  abdefghijklmnopqrsvwxyz
cut_ _ _ _
Mistakes Made= 0

Please guess a letter: E
Correct guess!
These are the available letters:  abdfghijklmnopqrsvwxyz
cute_ _ _
Mistakes Made= 0
```

Editor - /Users/maricar/Desktop/6.4.py

Tabs: 6.1.py | 6.2.py | 6.3.py | 6.4.py

```python
def isWordGuessed (secretWord, lettersGuessed):
    for x in secretWord:
        if x not in lettersGuessed:
            return False
        else:
            return True

def getGuessedWord(secretWord,lettersGuessed):
    word=""
    for x in secretWord:
        if x in lettersGuessed:
            word+=x
        else:
            word+="_ "
    return word

import string
def getAvailableLetters(lettersGuessed):
    out=''
    alphabet=string.ascii_lowercase
    for x in alphabet:
        if x in lettersGuessed:
            continue
        else:
            out+=x
    return out

def hangaroo(secretWord):
    print("Hi! Welcome to Hangaroo!")
    print("You are challenged to guess for the secret word!")
    lettersGuessed=[]
    mistakesMade=0
    while (secretWord!=lettersGuessed):
        if secretWord!= getGuessedWord(secretWord,lettersGuessed):
            print("These are the available letters: ", getAvailableLette
            print(getGuessedWord (secretWord, lettersGuessed))
            print("Mistakes Made= ",mistakesMade)
            guess=input("Please guess a letter: ")
            guessInLowerCase = guess.lower()

            if guessInLowerCase not in secretWord and guessInLowerCase n
                mistakesMade+=1
                print("Wrong guess-- Try again!")

            elif guessInLowerCase not in secretWord and guessInLowerCase u
                print("You have already guessed that letter!-- Please tr

            elif guessInLowerCase in secretWord and guessInLowerCase in
                print("You have already guessed that letter!-- Please tr
```

Variable explorer

Name ▲	Type	Size	Value
letterGuessed	list	4	['l', 'p', 'a', 'e']
lettersGuessed	list	5	['a', 'e', 'i', 'o', 'u']
secretWord	str	1	cuteko

Variable explorer | File explorer

IPython console

Console 1/A

```
Please guess a letter: E
You have already guessed that letter!-- Please try again!
These are the available letters:  abdfghijklmnopqrsvwxyz
cute_ _ _
Mistakes Made= 0

Please guess a letter: r
Wrong guess-- Try again!
These are the available letters:  abdfghijklmnopqsvwxyz
cute_ _ _
Mistakes Made=  1

Please guess a letter: a
Correct guess!
These are the available letters:  bdfghijklmnopqsvwxyz
cutea_ _ _
Mistakes Made=  1

Please guess a letter: s
Wrong guess-- Try again!
These are the available letters:  bdfghijklmnopqvwxyz
cutea_ _
Mistakes Made=  2

Please guess a letter: d
Wrong guess-- Try again!
These are the available letters:  bfghijklmnopqvwxyz
cutea_ _
Mistakes Made=  3

Please guess a letter: f
Wrong guess-- Try again!
These are the available letters:  bghijklmnopqvwxyz
```

IPython console | History log

Permissions: RW End-of-lines: LF Encoding: ASCII Line: 59 Column: 18 Memory: 76 %

IPython console

Console 1/A

```
Please guess a letter: f
Wrong guess-- Try again!
These are the available letters:  bghijklmnopqvwxyz
cutea_ _
Mistakes Made= 4

Please guess a letter: k
Correct guess!
These are the available letters:  bghijlmnopqvwxyz
cuteak_
Mistakes Made= 4

Please guess a letter: b
Wrong guess-- Try again!
These are the available letters:  ghijlmnopqvwxyz
cuteak_
Mistakes Made= 5

Please guess a letter: g
Wrong guess-- Try again!
These are the available letters:  hijlmnopqvwxyz
cuteak_
Mistakes Made= 6

Please guess a letter: h
Wrong guess-- Try again!
These are the available letters:  ijlmnopqvwxyz
cuteak_
Mistakes Made= 7

Please guess a letter: o
Correct guess!
Congratulations  you guessed the word!
```

IPython console | History log

Permissions: RW End-of-lines: LF Encoding: ASCII Line: 59 Column: 18 Memory: 76 %

/Users/maricar/Desktop

6.1.py   6.2.py   6.3.py   6.4.py

```python
1  def isWordGuessed (secretWord, lettersGuessed):
2      for x in secretWord:
3          if x not in lettersGuessed:
4              return False
5      else:
6          return True
7
8  def getGuessedWord(secretWord,lettersGuessed):
9      word=""
10     for x in secretWord:
11         if x in lettersGuessed:
12             word+=x
13         else:
14             word+="_ "
15     return word
16
17 import string
18 def getAvailableLetters(lettersGuessed):
19     out=''
20     alphabet=string.ascii_lowercase
21     for x in alphabet:
22         if x in lettersGuessed:
23             continue
24         else:
25             out+=x
26     return out
27
28 def hangaroo(secretWord):
29     print("Hi! Welcome to Hangaroo!")
30     print("You are challenged to guess for the secret word!")
31     lettersGuessed=[]
32     mistakesMade=0
33     while (secretWord!=lettersGuessed):
34         if secretWord!= getGuessedWord(secretWord,lettersGuessed):
35             print("These are the available letters: ", getAvailableLette
36             print(getGuessedWord (secretWord, lettersGuessed))
37             print("Mistakes Made= ",mistakesMade)
38             guess=input("Please guess a letter: ")
39             guessInLowerCase = guess.lower()
40
41             if guessInLowerCase not in secretWord and guessInLowerCase n
42                 mistakesMade+=1
43                 print("Wrong guess-- Try again! ")
44
45             elif guessInLowerCase not in secretWord and guessInLowerCase
46                 print("You have already guessed that letter!-- Please tr
47
48             elif guessInLowerCase in secretWord and guessInLowerCase in
49                 print("You have already guessed that letter!-- Please tr
```

Name	Type	Size	Value
letterGuessed	list	4	['l', 'p', 'a', 'e']
lettersGuessed	list	5	['a', 'e', 'i', 'o', 'u']
secretWord	str	1	cuteko

Variable explorer   File explorer

Console 1/A

```
cuteak_
Mistakes Made= 5

Please guess a letter: g
Wrong guess-- Try again!
These are the available letters:  hijlmnopqvwxyz
cuteak_
Mistakes Made= 6

Please guess a letter: h
Wrong guess-- Try again!
These are the available letters:  ijlmnopqvwxyz
cuteak_
Mistakes Made= 7

Please guess a letter: o
Correct guess!
Congratulations, you guessed the word!
Secret word:  cuteako
Mistakes Made= 7

In [61]:
```

IPython console   History log

Permissions: **RW**   End-of-lines: **LF**   Encoding: **ASCII**   Line: **59**   Column: **18**   Memory: **76 %**