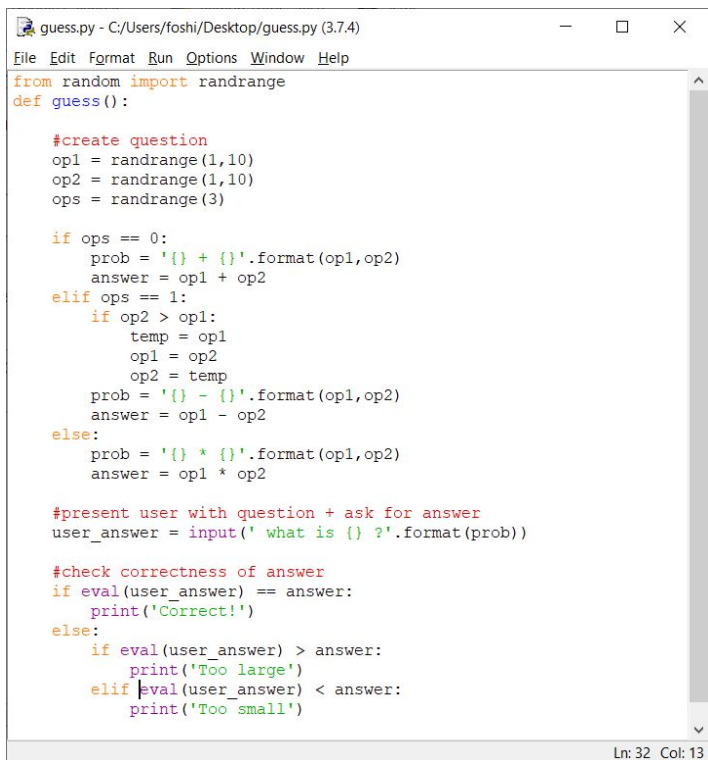


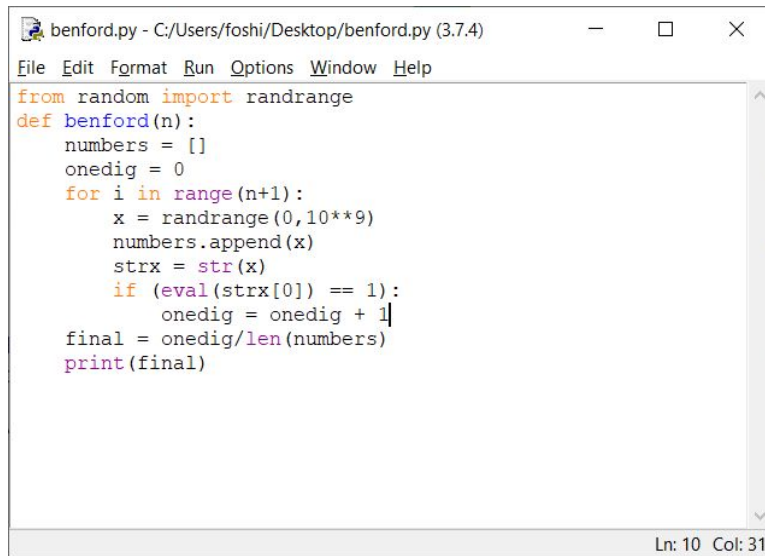
A screenshot of a Python IDE window titled "black.py - C:\Users\f...". The window has a menu bar with "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The code editor contains a function definition for "black(i,j)". The status bar at the bottom indicates "Ln: 5 Col: 16".

```
def black(i,j):  
    if (i + j) % 2 == 0:  
        return True  
    else:  
        return False
```



A screenshot of a Python IDE window titled "guess.py - C:/Users/foshi/Desktop/guess.py (3.7.4)". The window has a menu bar with "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The code editor contains a script for a number guessing game. The status bar at the bottom indicates "Ln: 32 Col: 13".

```
from random import randrange  
def guess():  
  
    #create question  
    op1 = randrange(1,10)  
    op2 = randrange(1,10)  
    ops = randrange(3)  
  
    if ops == 0:  
        prob = '{} + {}'.format(op1,op2)  
        answer = op1 + op2  
    elif ops == 1:  
        if op2 > op1:  
            temp = op1  
            op1 = op2  
            op2 = temp  
        prob = '{} - {}'.format(op1,op2)  
        answer = op1 - op2  
    else:  
        prob = '{} * {}'.format(op1,op2)  
        answer = op1 * op2  
  
    #present user with question + ask for answer  
    user_answer = input(' what is {} ?'.format(prob))  
  
    #check correctness of answer  
    if eval(user_answer) == answer:  
        print('Correct!')  
    else:  
        if eval(user_answer) > answer:  
            print('Too large')  
        elif eval(user_answer) < answer:  
            print('Too small')
```



```
benford.py - C:/Users/foshi/Desktop/benford.py (3.7.4)
File Edit Format Run Options Window Help
from random import randrange
def benford(n):
    numbers = []
    onedig = 0
    for i in range(n+1):
        x = randrange(0,10**9)
        numbers.append(x)
        strx = str(x)
        if (eval(strx[0]) == 1):
            onedig = onedig + 1
    final = onedig/len(numbers)
    print(final)
Ln: 10 Col: 31
```