

## PYTHON FILE HANDLING ASSIGNMENT

Answer 1 :

```
def main():
    f= open("x.txt","w+")

    for i in range(4):
        f.write("HELLO %d\r\n" % (i+1))
    f.close()

    f=open("x.txt", "r")

    fl =f.readlines()
    for x in fl:
        print(x)
if __name__ == "__main__":
    main()
```

```
HELLO 1
HELLO 2
HELLO 3
HELLO 4

Press any key to continue . . .
```

Answer 2 :

```
['HELLO 1\n', '\n', 'HELLO 2\n', '\n', 'HELLO 3\n', '\n', 'HELLO 4\n', '\n']  
Press any key to continue . . .
```

```
def file_read(fname):  
    content_array = []  
    with open(fname) as f:  
        #Content_list is the list that contains the read lines.  
        for line in f:  
            content_array.append(line)  
    print(content_array)
```

```
file_read('x.txt')
```

Answer 3 :

```
import random
def random_line(fname):
    lines = open(fname).read().splitlines()
    return random.choice(lines)
print(random_line('x.txt'))
```

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```
HELLO 3
Press any key to continue . . .
```

Answer 4 :

```
with open('x.txt') as f1, open('b.txt') as f2:
    for line1, line2 in zip(f1, f2):
        print(line1+line2)
```

HELLO 1  
WORLD 1

WORLD 2

HELLO 2  
WORLD 3

WORLD 4  
Press any key to continue . . .

Answer 5 :

letters	08-05-2020 02:50 PM	File folder	
A	08-05-2020 02:52 PM	Text Document	1 KB
B	08-05-2020 02:52 PM	Text Document	1 KB
C	08-05-2020 02:52 PM	Text Document	1 KB
D	08-05-2020 02:52 PM	Text Document	1 KB
E	08-05-2020 02:52 PM	Text Document	1 KB
F	08-05-2020 02:52 PM	Text Document	1 KB
G	08-05-2020 02:52 PM	Text Document	1 KB
H	08-05-2020 02:52 PM	Text Document	1 KB
I	08-05-2020 02:52 PM	Text Document	1 KB
J	08-05-2020 02:52 PM	Text Document	1 KB
K	08-05-2020 02:52 PM	Text Document	1 KB
L	08-05-2020 02:52 PM	Text Document	1 KB
M	08-05-2020 02:52 PM	Text Document	1 KB
N	08-05-2020 02:52 PM	Text Document	1 KB
O	08-05-2020 02:52 PM	Text Document	1 KB
P	08-05-2020 02:52 PM	Text Document	1 KB
PythonApplication1	08-05-2020 02:51 PM	JetBrains PyCha...	1 KB
PythonApplication1	04-04-2020 06:34 PM	Python Project	2 KB
PythonApplication1.sln	04-04-2020 05:53 PM	Visual Studio S...	1 KB
Q	08-05-2020 02:52 PM	Text Document	1 KB
R	08-05-2020 02:52 PM	Text Document	1 KB
S	08-05-2020 02:52 PM	Text Document	1 KB
T	08-05-2020 02:52 PM	Text Document	1 KB
U	08-05-2020 02:52 PM	Text Document	1 KB
V	08-05-2020 02:52 PM	Text Document	1 KB
W	08-05-2020 02:52 PM	Text Document	1 KB
X	08-05-2020 02:52 PM	Text Document	1 KB
Y	08-05-2020 02:52 PM	Text Document	1 KB
Z	08-05-2020 02:52 PM	Text Document	1 KB

```
import string, os
if not os.path.exists("letters"):
    os.makedirs("letters")
for letter in string.ascii_uppercase:
    with open(letter + ".txt", "w") as f:
        f.writelines(letter)
```

Answer 6 :

```
letters_file_line
import string
def letters_file_line(n):
    with open("words1.txt", "w") as f:
        alphabet = string.ascii_uppercase
        letters = [alphabet[i:i + n] + "\n" for i in range(0, len(alphabet), n)]
        f.writelines(letters)
letters_file_line(3)
```

File Edit Format View Help  
ABC  
DEF  
GHI  
JKL  
MNO  
PQR  
STU  
VWX  
YZ