

# CSC108-Introduction to Computer Programming, winter2011

## Quiz 3 (15 minutes)

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Mark: \_\_\_\_/10

(1) [5 marks] An interleaving of two lists contains all elements from both lists, with the constraint that any two items from the same list are still in the same order. Write a python function **inter(Lst1,Lst2)** which takes 2 input lists and returns a list of the interleaved values.

```
>>> inter([1,2], [3,4,5])  
[1, 3, 2, 4, 5]
```

Answer:

(2) [5 marks] Write a python function **dupFile(SrcFile, DestFile)** which takes 2 file names and duplicates SrcFile in DestFile. Assume SrcFile exists while DestFile does not exist before running the function. Sample invocation: **dupFile("file1.txt ", "file2.txt"):**

file1.txt

```
This is the first line  
This is the second line
```

```
This is the first line  
This is the first line  
This is the second line  
This is the second line
```

file2.txt

Answer: