اے انسان تجھ کو اپنے رب کریم کے بارے میں کس چیزنے دعوکے میں ڈال رکھاہے ۔الانفطار آیت

It is better to remain silent and be thought a fool than to open one's mouth and remove all doubts. Mark Twain

Homework 07

[Nested Loop, User Function/ Methods]

Note: Task 1-6 should be done using nested loop.

Task 1:

Write a program to input a String and print frequency of all letters within that String. For String **good**

g 1 o 2 o 2 d 1

Task 2:

Write a program to input two Strings and print characters of first string not existing in second string. Use concept of flag in inner loop

Task 3:

Print pattern given on right hand side. Pseudo code is given in lecture notes.	1 212 32123 4321234 543212345
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Task 4:

Print pattern given on right hand side.

Task 5:

Print pattern given on right hand side.	

Task 6:

	* *	
Print pattern given on right hand side.	* *	
	* *	l
Hint: Use 2 set of nested loops. One for upper portion and second for lower	* *	J
portion.	*	l
	* *	I
	* *	I
	* *	I
	* *	

User Functions/ Methods

Task 7: Write a function *void printSpaces(int n)* to print n number of spaces in same line using System.out.print and loop

Task 8: Write a function *int greaterRandom(int n)* to receive an integer number and return random number greater than passed number.

Task 9:

Resource Person: Abdul Mateen

OOP	MIT	Fall 2012
Write a program <i>int factorial (int n)</i> to calcu	late factorial and return factorial of n	
Task 10:		
Write a program boolean isAlphabet(char c)	to find whether c is alphabet or not	
Task 11:		
Write a program boolean isVowel (char c) to	o find whether c is vowel or not	
Task 12:		
Write a program boolean isCaptial (char c) t	o find whether c is capital letter or not	
Task 13:		
Write a program boolean isSamll (char c) to	find whether c is small letter or not	
Task 14:		
Write a program boolean isNumber (char c)	to find whether c is capital letter or not	
Finally test last 5 functions to categorize	vowel, capital, small letter or number for	any string.

----- BEST of LUCK -----