

No.	Program	Function	Input	Output	
1	Find whether a year is leap year or not A leap year is a multiple of 4, and if it is a multiple of 100, it must also be a multiple of 400	boolean isLeapYear(int year)	isLeapYear(1996) isLeapYear(2014) isLeapYear(1700)	TRUE FALSE FALSE	
2	Convert given string into currency format	String covertToCurrency(String unformattedCurrency)	convertToCurrency(125532) convertToCurrency(3425) convertToCurrency(178)	125,532 3,425 178	
3	Generate random password of asked length(should contain numbers and alphabets)	String generatePassword(int length)	generatePassword(7)	any 7 char password	
4	Write code to check whether a no is power of 2 or not	boolean isNumberPowerOfTwo(int number)	isNumberPowerOfTwo(16) isNumberPowerOfTwo(18) isNumberPowerOfTwo(1024)	TRUE FALSE TRUE	
5	Print numbers from 1 to 500 which are palindrome and prime	void palindromeAndPrime()	palindromeAndPrime()	10001,131,11	
6	Write program that takes an argument N and prints the powers of 2 that are less than or equal to 2^N	void printPowersOf2LessThan(int N)	printPowersOf2LessThan(43)	1,2,4,8,16,32	
7	Write a program, which converts a string to lowercase, string to uppercase, and substring.	String functionsOfString(String userstring)	functionsOfString("The App Guruz")	THE APP GURUZ the app guruz app	
8	Write a program to find series... 1! + 2! + 3! + 4!..... up to n terms				
All Pyramid programs using 2 for loops only					
9	Pyramid (N=5) * * * * * * * * * * * * * * *				
10	N=5 * * * * * * * * * * * * * * * *				
11	N=5 * * * * * * * * * * * * * * *				

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12	N=5				

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