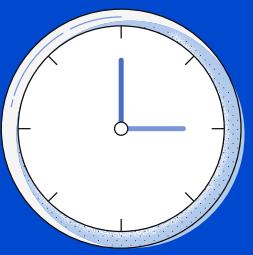


# Java While Loop Homework-7



# TASK-1

## Description

Using Scanner ask user to provide any int number  
and print multiplication table of given number

Input number: 5

Output :

$$5 * 1 = 5$$

$$5 * 2 = 10$$

$$5 * 3 = 15$$

...

...

$$5 * 10 = 50$$



## TASK-2

# Description

Using a scanner ask the user to provide starting and ending numbers. Print the numbers divisible by 3 and 5 between given number AND print count of those numbers which is divisible by 3 and 5.

EXAMPLE:

First number: 5

Second number: 65

Output:

15

30

45

60

Total number that divisible by 3 and 5 is 4.



## TASK-3

# Description

Using scanner ask user to provide the string value. Print "dad" if the given string contains the "dad", but where the middle 'a' char can be any char.

Example:

Input the year: testdadtest

Output :dad

Input the year: testd7dtest

Output :dad

Input the year: testdodtest

Output :dad

Input the year: testDudtest

Output :dad



## TASK-4

# Description

Using the scanner ask the user to provide String value. Then replace all the char of the String with 'a' using loop and print in every step.

For example:

Input: Success

Output:

"auccess"

"aaccess"

“aaacess”

...

“aaaaaaaa”



## TASK-5

# Description

The user using a scanner enters the current speed and target speed . In every 1-sec car's speed will increase 10mil. Please find the total number of sec to reach your target speed using a while loop.

Example:

CurrentSpeed: 6

Target Speed: 20

Output: You need 2 sec to reach target speed.



## TASK-6

# Description

Using a scanner enter the number of eggs in the box. Then ask the user, how many eggs are eaten at the end of the day and keep asking the same question until your number of eggs is equaled to 0 in the box.

Example:

Input: 13

How many eggs did you eat today?

2

There are 11 eggs left

How many eggs did you eat today?

5

There are 6 eggs left

How many eggs did you eat today?

6

You have finished all the eggs



## TASK-7

# Description

Using a scanner ask the user to input username and password. Create the two variables for the expected username and password. if user input is not matching with the expected username and password ask the user again until they are correct. (Optional: if you want to make it a little complicated. You can allow the user only three times to enter the wrong username or password. if it is more than 3 times you can print “your account is on hold now. Try after 5 min”)

