**Task 2**

1. Diamond pattern program

Hands-on training in Intellij

**Additional tasks**

**Introduction Exercise’s**

1. Write an expression to calculate number of minutes in a day.
2. Write an expression to calculate number of seconds in a day.
3. Print "Hello World"
4. Print "5 \* 3"
5. Try to print a simple math table executing individual statements
   1. System.out.println(5 \* 1)
   2. System.out.println(5 \* 2)
   3. System.out.println(5 \* 3)
6. Adding three numbers 5 + 6 + 7 = 18
7. Create three variables a,b,c and create a statement for printing sum of three variables
8. Think - How can you print the 5 table from 1 to 10 right now?
9. Create three variables thirdNumber, fourthNumber and fifthNumber. Assign 3 values to these variables. Calculate sum of these three numbers and assign it to sumOfThreeNumbers variable.
10. Have a variable to contain the number of days. Use it to calculate the total number of hours and total number of seconds in those days.
11. Have four variables a,b,c,d and create an if statement to print if a + b is greater than c + d.
12. Have three angles of a triangle stored in three variables angle1, angle2, angle3. Create an if statement to state if the three angles can form a triangle. Hint : angle1 + angle2 + angle3 = 180
13. Have a variable called number. Create an if statement to find if it is even number. Hint : % operator.
14. Print 6 and 10 Tables!
15. Print numbers from 1 to 10
16. Print numbers from 10 to 1
17. Print squares of First 10 Numbers
18. Print squares of First 10 Even Numbers
19. Print squares of First 10 Odd Numbers