[Codes](./Codes)

Write Java programs for the following:

1. Input a number and print all the factors of that number.
2. Take integer inputs till the user enters 0 and print the sum of all numbers
(HINT: while loop).
3. Take integer inputs till the user enters 0 and print the largest number from
all.
4. Print all even numbers till n.
5. Make a menu driven program. The user can enter 2 numbers, either 1 or 0.
If the user enters 1 then keep taking input from the user for a student's marks(out of
100).
If they enter 0 then stop.
If he/ she scores :
Marks >=90 -> print "This is Good"
89 >= Marks >= 60 -> print "This is also Good"
59 >= Marks >= 0 -> print "This is Good as well"
   Because marks don't matter but our effort does.
(Hint : use do-while loop but think & understand why)
6. Print if a number is prime or not (Input n from the user).

==============PRINT USING LOOPS==============

7.* * * * *
  * * * * *
  * * * * *
  * * * * *

8.* * * * *
  *   *
  *   *
  * * * * *

9.*
  * *
  * * *
  * * * *

```
10. * * * *
    * * *
    * *
    *

11.       *
        * *
      * * *
    * * * *

12. 1
    1 2
    1 2 3
    1 2 3 4
    1 2 3 4 5

13. 1 2 3 4 5
    1 2 3 4
    1 2 3
    1 2
    1

14. 1
    2  3
    4  5  6
    7  8  9  10
    11 12 13 14

15.  1
    0 1
    1 0 1
    0 1 0 1
    1 0 1 0 1
```

```
16.*                *
   * *           * *
   * * *       * * *
   * * * * * * * * *
   * * * * * * * * *
   * * *       * * *
   * *           * *
   *                *
```

```
17.          * * * * *
          * * * * * *
        * * * * * *
      * * * * *
    * * * * *

18.     1
       2 2
      3 3 3
     4 4 4 4
    5 5 5 5 5

19.     1
       212
      32123
     4321234
    543212345

20.       *
        * * *
      * * * * *
    * * * * * * *
    * * * * * * *
      * * * * *
        * * *
          *
```