1. Write a program to print name as input by the user. Use command line argument and Scanner class to obtain user input.
2. Write a program to obtain two integers from user and print sum, difference, product and division result in the console.
3. Write a program to print even numbers up to n numbers.
4. Write a program to decide whether a number is prime or not.
5. Write a program to accept total obtained Grade of a subject from the user and prints the result as follows (using if…else and switch case):
   1. A à Excellent
   2. B à Good
   3. C à Average
   4. D à More effort needed
6. Write a program to print the following pattern (using loop statement):

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

1. Write a program to print the following pattern(using loop statement):

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

1. Use array to store 10 integer values input by user and sort the numbers in ascending order. Use try … catch to handle exception that may occur.
2. Write a program to illustrate method overloading.
3. Write a program to illustrate inheritance.
4. Write a program to illustrate method overriding.
5. Write a program to illustrate encapsulation.
6. Write an Interface and implement it in a class.
7. Write multiple classes to demonstrate package in java.
8. Write a program to handle arithmetic exception that may occur while dividing a number by zero.
9. Write a program to throw custom exception when user inputs obtained subject marks greater than 100 and less than 0.
10. Write a program to sort name of the cities input by a user.
11. Write a program to print the letters last to first for a word input by a user.
12. Write a program to count number of words in a line input by a user.
13. Write a program that starts two threads that print numbers from 1 to 1000.
14. Write a program to show thread synchronization. Also write a program to show inter thread communication.
15. Write a program that prompts user to provide following details and write the content to a text file. Use exception handling code to handle the exception that may occur.
    1. Name
    2. Address
    3. Age
    4. Height
    5. Weight
16. Write a program that copies content of one text file to another.
17. Write a program to generate random numbers between 1 and 100.
18. Use hash map in a program to convert user input number to hindu arabic word (1à one, 100000 à one lakh) upto kharab.
19. Write a program to illustrate Iterator usage in array list.
20. Write a GUI application using JLabel, JTextField, JButton,JFrame that calculates square of a user input number and shows the result in a text field.
21. Write a java applet that prints “Hello Everyone”.
22. Write a program to insert value to a database.
23. Write a program to extract rows from a database.