

1. Print Fibonacci series (0 1 1 2 3 5 8)
2. Find whether a number is prime number or not.
3. Factorial
4. Reverse a number/ check whether a number is palindrome or not
5. Greatest of three numbers using ternary operator
6. Find number is Armstrong or not
153: $13 + 53 + 33 = 1 + 125 + 27 = 153$
- 7. Square root of a number**
8. Swap numbers two number with third variable
9. Swap numbers two number without third variable
10. Matrix Addition
11. Matrix Multiplication
12. Transpose of a matrix
13. Missing number in an array
14. Remove duplicate in an array
15. Reverse an array
16. Find number of words in a string
17. Reverse a string

18. Print the given pattern

```
*
* *
* * *
* * * *
* * * * *
```

19. Find the second largest number in an array
20. Sort an array
21. Insert an element at specific position in an array
22. Count repeated elements in an array
23. Find sum and average in single dimensional array
24. Find smallest number in an array
25. Convert int to string in java
26. Reverse a string without reverse function
27. String anagram
28. Count the repeated characters in the string
Abcdabcdeabcddddddeffgghhhhhiii
29. What is the output of the given program.

String s2="Sachin";

```
String s1="Sachin";  
  
String s3=new String("Sachin");  
  
String s4="Saurav";  
System.out.println(s1==s2);  
  
System.out.println(s1==s3);  
  
System.out.println(s1.equals(s2));  
  
System.out.println(s1.equals(s3));  
  
System.out.println(s1.equals(s4));
```

- 30. Total number of characters in string
- 31. Total number of vowels and consonants in string
- 32. Replace lower case to upper case in string