Practical 1

1. Write a program in java to describe how primitive data types (integer, float, double, characters and Boolean) are declared and display the result.
2. Write a program to describe different literals (positive integer literal, negative integer literals, hexadecimal representation, octal, binary etc)
3. Write a program to describe floating point literals (exponential and normal), Boolean literals, character literals, string literals (uses of escape sequence.)
4. Write a program in java to demonstrate implicit and explicit type casting.
5. Write a program in java to demonstrate arithmetic operator, increment, decrement, comparison and Boolean logical operator.
6. Write a program to demonstrate all bitwise operator (for positive and negative number).
7. Write a program to demonstrate all conditional statement (if, if…else, if..elseif..else) and loops (while, do while, for and for each loop)
8. Write a program to show how string and integer input can be taken from user.
9. Write a program to check whether the input given by user is prime or composite.
10. Write a program to check whether the input given by user is odd or even.
11. Write a program to print prime number occur between 1 to 100
12. Write a program to print even number between 300 to 500;
13. Write a program to print sum of first 10 natural number
14. Write a program to read marks of five subject and show percentage, total marks obtained and result (if obtained marks>35 pass otherwise fail)
15. Write a program to demonstrate switch case statement and nested switch case statement.
16. Write a program using switch case for following condition
    - First take one number input from user
    - If 1 is pressed then again make user to input another value (BBA, BIM, and BCA) after this if BIM is chosen then print overall fee for BCA. Similarly, for other.
    - If 2 is pressed then make user to input another value (BBM, BBS). If BBM is chosen then print overall fee for BBM. Similarly, for other
17. Write a program to demonstrate use of break and continue
18. Write a program to print 1 to 100 but skipping 25, 40 and 90.