JAVA PROGRAMS LIST

I) Programs based on Basic Concepts:

1. WAP to calculate area of circle.
2. WAP to calculate average marks of a student by taking marks in 5 subjects.
3. WAP to print ASCII value of a character given as input by user.
4. WAP to find maximum of two numbers using conditional operator.
5. WAP to find whether a number is positive or not using conditional operator.
6. WAP to swap two numbers with and without using third variable.

II) Programs based on Selection Statements:

If –Else

7. WAP to check number is even or odd with and without using modulus operator.
8. WAP to checked character entered is vowel or consonant.

Nested If-Else

9. WAP to find maximum among three numbers.
10. WAP to check a year is leap or not.

Else-If Ladder

11. WAP to print the message according to temperature entered by user.
    T<=0----very cold
    0<T<=10---cold
    11<T<=20---cool
    20<T<=30---warm
    T>30---hot

Switch statement

12. Create a menu driven program to implement arithmetic operations.