

## JAVA ASSIGNMENT-1

- 1) Write a java program that print "Welcome to the world of java".
- 2) Write a java program to find the area of circle.
- 3) Write a java program which perform all arithmetic operation.(i.e. addition, subtraction, multiplication, Division)
- 4) Write a java program will display factorial of the number.
- 5) Write a java program to find a power of the number.
- 6) Write a java program that will convert reverse number and sum from given number.
- 7) Write a java program to print Fibonacci series.
- 8) Write a java program to calculate Armstrong number.
- 9) Write a java program to find maximum of two numbers.
- 10) Write a java program to print personal details of a student.
- 11) Write a java program to check whether a number is odd or even.
- 12) Write a java program to check whether a number is leap year or not.
- 13) Write a Java Program to calculate simple interest and compound interest.
- 14) Write a java program to calculate gross salary of an employee.
- 15) Write a java program to calculate area of circle, square and triangle.
- 16) Write a java program with object that check weather number is prime or not.
- 17) Write a java program with object that check weather number is Armstrong or not.
- 18) Write a java program with object will do the sum of  
 $1 + 1/4 + 1/7 + 1/9 + \dots + 1/n$
- 19) Write a java program that display arithmetic table of number.
- 20) Write a java program that will swap the value of two variables.
- 21) Write a java program that will accept 10 nos. and perform following operation.
  - a) Sum of numbers
  - b) Find average
  - c) Find any given number.
  - d) Sort all numbers.

- 22) Write a java program to print following patterns(separate programs):

*	*	1	1
* *	* *	2 2	1 2
* * *	* * *	3 3 3	1 2 3
* * * *	* * * *	4 4 4 4	1 2 3 4
* * * * *	* * * * *	5 5 5 5 5	1 2 3 4 5