

OOPJ MODULE

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List of basic Java Programs and Code Examples covered here

1. Swap two numbers
2. Find max and min number
3. Find the factorial
4. Print prime number
5. Check armstrong number
6. Get random number
7. Convert binary to decimal
8. Print Pascals triangle
9. Palindrome number
10. Reverse the number
11. Print Fibonacci series
12. Demonstrate type of variable
13. Count even, odd and zeroes
14. Guess the number

2. List of Java Programs and Code Examples on Arrays covered here

1. Program to sort array using Bubble sort
2. Program to reverse the array
3. Program to print even & odd numbers
4. Program to search element with binary search
5. Program to find second min & max number
6. Program to remove an element from array
7. Program to merge two arrays into one
8. Program to find duplicate values in array

List of Java Programs and Code Examples on Strings covered here

WAP wrt to String, String Buffer and Builder methods

1. Reverse the string
2. Anagram string
3. Count duplicate character
4. Print uppercase & lowercase letters
5. Palindrome String
6. Repeated & non-repeated character
7. Find repeated word in file
8. Reverse words of string object
9. Count the number of vowels
10. Count number of words in string
11. Display vowel, digits & blank spaces

List of Java Programs and Code Examples on Packages covered here

Q. Write a program to create a user defined package in Java.

Q. Write a Package MCA which has one class Student. Accept student detail through parameterized constructor. Write display () method to display details. Create a main class which will use package and calculate total marks and percentage.

The Java programs covered in this section range from basic to advance. They cover:

1. Program using protected access modifier
2. Program private access modifier

List of Java Programs and Code Examples on Exception Handling covered here

1. Program with try and catch & finally block
2. Program for multiple catch with single try
3. Program illustrating throws keyword
4. Program for chained exception
5. Program to create custom exception
6. Program to validate student record
7. Program to prevent creation of second object

Q. Write a program to implement different methods of wrapper class.

Q. Write a program to convert primitive to wrapper class and wrapper to primitive.

List of Java Programs and Code Examples on Multithreading covered here

1. Program to implement thread using runnable interface
2. Program to creating multiple thread
3. Program for producer consumer problem
4. Program to set priorities of thread
5. Program to display all running thread
6. Program for Synchronization block
7. Program to stop thread execution with ctrl+c
8. Program to print Fibonacci & reverse series creating threads