

Assignment

Feb19/ Java Tech 1/Assignment

Java Technology I

Post Graduate Diploma in Advance Computing

February 2019

Q1. Write a Java program to calculate the average value of array elements

Q2. Write a Java program to sort a numeric array and a string array.

Q3. Write a Package people.data and class Address in it attributes are -String flatNo,bldName, area, city, state ,country , datatype pin take it on your own.

write below methods

1. no-args and parameterized constructor.
2. String getAddress concatenate all fields and return it as a string.

compile the class and keep the package in current folder.

Now Write a package users and TestAddress class in it

In main method

1. create an Address class object using parameterized constructor and show details

compile the class and display everything.

Q4. create an array of 5 elements double data type.see values just after creation and then populate the array.See values after population .Repeat this activity for array of char and array on boolean.

Q5. Write a class study.maths.MinMax in main()

1. create an int[] of size 10
2. Assign the array with integers and add them to array. write a loop and show a menu
 1. show the minimum value in array
 2. show the maximum value in array
 3. Search number of occurrences of particular number in array.
 4. quit

Q6. Write a package study.maths and class in it is MathUtil .Write 3 static methods

1. getSquare --accept number as argument and return square
2. getFactorial--accept number as argument and return factorial
3. isPrime--accept num as arg and return true if number is prime else return false.

Write a package study.users with class name as User.In main() functions call these methods and accordingly print the results.