

Assignment #5: Java assignment on using java.lang

1. Write a program that creates and initializes a four cross eleven double array. Calculate and display the average of its values
2. Write a program that creates and initializes a 3x2 matrix The elements are of int type Calculate and display the average values or each row and column and also the grand average.
3. Write a program to compute the hypotenuse of a right angle triangle whose sides are 45 and 89 unit long.
4. Write a program that displays the substring formed by the last ten characters of a string [Use the length() method]
5. A string contains five numbers separated by commas. Write a program that displays the last number.
6. Write a program that counts the number of digits and letters in a string and displays these values.
7. Write a Program that determines whether a number is prime or not.
8. Write a program that prints the numbers between 1 and 100 that can be evenly divided by 17.
9. Write a program that displays all the factors of a number entered by the user. For example if the user entered 8, it would respond with 2 and so on.
10. Write a program that appends string “Java” at the end of string “Hello”. The program will output the final appended string and its length on the console.
11. Write a program that removes any unwanted white space in the two user input strings and compares the two strings for equality.
12. Write a program that uses a while to count the number of vowels in a string.