

1. Write a Java program to print 'Hello' on screen and then print your name on a separate line.

Expected result:

Hello

Ali!

2. Create a program that takes a year as input from user and print if it's leap year or not.

3. Write a Java program to print the sum/multiplication/division and subtraction of two numbers

Expected result:

$45 + 11 = 56$

$12 * 4 = 48$

$24 / 6 = 4$

$55 - 12 = 43$

4. Write a Java program that prints the average of three numbers

Expected result:

$(23 + 11 + 77) / 3 = 37$

5. Create a program that asks user to input his/her name and store it in a variable instead of having fixed name. Then print 'Hello username' where username is what you got from user as input.

6. Create a program that asks user to input two numbers and print the sum/multiplication/division and subtraction of given numbers

7. Create a program that converts seconds to hours, minutes and seconds

Input seconds: 86399

Expected output:

23:59:59

8. Write a program that first generates a random number between 1 and 500 and stores it into a variable (see the Random class). Then let the user make a guess for which number it is. If the user types the correct number, he should be presented with a message (including the number of guesses he has made). If he types a number that is greater or smaller than the given number, display either "Your guess was too small" or "Your guess was too big". The program should keep executing until the user input the correct guess.