



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)
 Faculty of Science and Technology (FST)
 Department of Computer Science (CS)
 Object Oriented Programming 2
 Practice Problems

1. Write a program to print 'Hello' on screen and then print your name on a separate line.
2. Write a program to print the sum of two numbers.
3. Write a program to divide two numbers and print on the screen.
4. Write a program to print the result of the following operations.
Data:
 - a. $-5 + 8 * 6$
 - b. $(55+9) \% 9$
 - c. $20 + -3*5 / 8$
 - d. $5 + 15 / 3 * 2 - 8 \% 3$
5. Write a program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.
6. Write a program to compute the specified expressions and print the output.
Expression:
 $((25.5 * 3.5 - 3.5 * 3.5) / (40.5 - 4.5))$
7. Write a program to print the area and perimeter of a rectangle.
Data:
 Width = 5.5 Height = 8.5
Sample Output:
 Area is $5.6 * 8.5 = 47.60$
 Perimeter is $2 * (5.6 + 8.5) = 28.20$
8. Write a program to compare two numbers.
Data:
 first integer: 25
 second integer: 39
Sample Output:
 $25 != 39$
 $25 < 39$
 $25 <= 39$
9. Write a program to reverse a string
10. Write a program that accepts two double variables and test if both strictly between 0 and 1 and false otherwise.