

# Lab 1- Basic Sequential Programs

1. Develop a script using JavaScript that prompts the user to enter two integer numbers, calculates the sum of the two numbers and then display the following :
  - The two numbers entered
  - The sum of the two numbers
2. Develop a script using JavaScript that prompts the user to enter the relevant data that is required to calculate the area of a circle, your program must then calculate the area and then display the following :
  - The area of the circle
3. Develop a script using JavaScript that calculates the perimeter of a rectangle.
4. Develop a script using JavaScript that calculates an hourly paid worker gross salary and net salary. **You are to assume that employees in this fictional scenario are paid per week and the only deduction that all employees incur is a 25% tax on their gross salary.**
5. Develop a script using JavaScript that calculates a commission paid worker gross salary and net salary. All commission paid workers receive a fixed salary plus 20 percent of the total sales they earn for that month. Like the above, **you are to assume that employees in this fictional scenario are paid per month.**
6. Develop a script using JavaScript which requests a price of an item, item number, item title and a discount percent from the user which should represent the percentage that would be discounted from the item.  
The program should then display the following :
  - Original price of the item
  - The discounted amount
  - The amount the customer must pay.
7. Develop a script using JavaScript Program that requests from the user a person's name and their weight in kilograms (kg). The script using JavaScript Program should then convert the person's weight in pounds and display the answer to the user.  
**NOTE : 1 kilogram = 2.2 pounds.**

8. Develop a script using JavaScript Program that requests from the user a person's name and their parcel weight in grams. The script using JavaScript Program should then convert the person's parcel weight into kilograms and display the answer to the user.

**NOTE : 1 kilogram = 1000grams.**

9.

Develop a script using JavaScript Program which, when run, works as follows:

Hi, what's your name ? **Mr.Best**

Welcome to our show, Mr Best

How old are you? **52**

Hmmmm, you don't look a day over **47**

Tell me, Mr.Best , where do you live ? **Toronto**

Oh, I've heard **Toronto** is a lovely place