Variables & Data Types
(Assignment Questions)

Question 1 : In a program, input the side of a square. You have to output the area of the square.

> *Input : n (side)*
>
> *Output : n*n (area)*

Question 2 : Enter cost of 3 items from the user (using float data type) - a pencil, a pen and an eraser. You have to output the total cost of the items back to the user as their bill.

(Add on : You can also try adding 18% GST tax to the items in the bill as an advanced problem)

Question 3 : Build a Simple Interest Calculator.

> *Input : principal (P), rate (R), time (T)*
>
> *Output : (P*R*T) / 100*

Question 4 : Write a program to calculate the area of a circle.

> *Input : r (radius)*
>
> *Output : PI*r*r (area)*

Note - These questions are only to help you practice the concepts of this chapter. These are not designed to test your mathematical skills, just to understand logic building using C++.