Assignment (2) Ouestions:

	Specify how many bytes are occupied by the
	ionowing data types in C++
a-	Type short int.
b-	Type long double.
c-	Type float.
d-	Type long.
	True or false. A variable of type char can hold the value 301.
	What kind of program elements (character
	constant, int constant, variable name, floating poin
	constant) are the following?
a-	12
	'a' 'A' tribell think by " Marks
	the second secon
- 9786	· · · · · · · · · · · · · · · · · · ·
	to the second of
(6)	True of false: It's perfectly all right to use
	variables of different data types in the same arithmetic
-	expression.
	What are the advantages of using the cons
	keyword rather than #define?
	What are the differences between an unsigned
	short int and a long int?
	What is the difference between an integr variable
	and a floating point variable?
	Which of the following variable names are good
	which are bad and which are invalid?
	Age
h-	! ex
10000	TotalIncome
	R 79x
1	Invalid
e-	Hivania
	b-c-d-a-b-c-d-

9- What would be the correct variable type in which to store the following information?

a- Your age.

b- The area of your class room.

c- The population of people in Egypt.

d- The average mark of the students in the class.

Exercises:

- Write a program to calculate the area of a triangle. The program should ask the user to enter the length and the height of the triangle. It calculates its area and displays it.
- 3) If you have tow fractions, a / b and c / d, their sum can be obtained from the formula.

$$\frac{a}{b} + \frac{c}{d} = \frac{a*d + b*c}{b*d}$$

Write a program that asks the user to enter two fractions and then displays their sum in fractional from. The output of the program might look like this:

Enter first fraction: 1/2

Enter second fraction: 1/5

Sum = 7/10