C++ Lab Class

1. Write a function using reference variables as arguments to swap the values of

a pairs of integers?

2. Create a function that creates a vector using new operator of user given size.

3.

Write a program to evaluate the following investment equation

$$V = P(1 + r)^\wedge n$$

and produce the tables which will give the value of V for various combination of

the following values of P, r, and n;

P: 1000, 2000, …… , 10000

r: 0.10, 0.11,….., 0.20

n: 1, 2, 3, ….., 10;

P-> principal amount;

v-> value of the money at the end of n years;

V = P(1+r);

P = V;

5.

A cricket team hes the following table of batting figures for a series of test matches

Players Name	Runs	Innings	Times not out
Mushfiq	8000	200	18
Tamim	9000	230	10

Write a program to read the figures set out in the above from to calculate the batting averages and to print out the complete table including the averages.