

VARIABLES & DATA TYPES QUESTIONS

Q1- In a program, input 3 numbers : A, B and C. You have to output the average of these 3 numbers.

(Hint: Average of N numbers is sum of those numbers divided by N)

Q2- In a program, input the side of a square. You have to output the area of the square.

(Hint: area of a square is (side x side))

Q3- Enter cost of 3 items from the user (using float data type) – a pencil, a pen and an eraser. You must output the total cost of the items back to the user as their bill.

Q4- What will be the type of result in the following Java code?

```
byte b = 4;
char c = 'a';
short s = 512;
int i = 1000;
float f = 3.14f;
double d = 99.9954;

result = (f * b) + (i % c) - (d * s);
```

(Hint : Look at the largest data type among these)

Q5- (Advanced) Will the following statement give any error in Java?

Int \$ = 24;

END OF QUESTIONS