1, **Before you start writing your own Java programs, it is important you fully understand what your Java code will do. Try solving the following problems in this quiz by hand.**

Consider the following Java methods.

int f(int x) {

return x\*2 - 1;

}

int h() {

int a = 3;

int b = f(a) + f(4);

return b;

}

What is the return value of the call h()?

Ans :

2. Consider the following method g.

int g (int a) {

if (a < 9) {

return 9;

}

if (a < 7) {

return 7;

}

if (a < 4) {

return 4;

}

return 0;

}

What is the value returned from the call g(5)?

Ans :

3. Consider the following method k.

int k (int a, int b) {

if (a < b) {

if (b > 4) {

return 0 ;

}

else {

return 1;

}

}

else {

if (a > 4) {

return 2;

}

else {

return 3;

}

}

}

For which of the values a and b would 2 be the return value?



a=2, b=0



a=6, b=8



a=1, b=3



a=6, b=6