Lyell Read

## CS 161 Recitation

Quiz #6

	Qui2 #0
1.	(4 pts) Write a void function called "increment_by_x" that will add the second integer parameter to
	the first integer parameter (carefully consider which parameters should be passed by
	reference/value):  Nold increment by - x (int base, int &inc) [  Inc t = base;
	inct=base;
	ζ
	// The function will be used as follows: int main(){
	<pre>int i = 6, x = 4; increment_by_x(i, x);</pre>
	cout << 6 << " + " << x << " = " << i << endl;
	}
2.	(2 pts) Inserted into an otherwise correct program, will the code below compile? Explain why in one
	sentence
	int add(int n) { return n+1; Sure Hwill-assisading-provide?
	int add (int n int h)
	return n+k; The vest of the cose is
3	(2 nts) Define what a presendition is Sing and the second state of
٥.	function below:
	int divide (int num, int denom) { Valve of num and denom fins
	return num/denom; Will be the pre cond- to work
	int add(int n, int k) {  return n+k;  }  (2 pts) Define what a precondition is? Give an example of what a precondition would be for the function below:  int divide(int num, int denom) {  return num/denom;  Valve of num and denom  fxns  will be the pre cond.  two of  the self-base  fxns  will be the pre cond.
4.	function below
	function below:  void swap (int &x, int &y) {  tem p holds y's new
	int temp=x;
	x=y; y=temp;
5.	void swap (int &x, int &y) {     int temp=x;     x=y;     y=temp; }  Extra Credit: (1 pt) Inserted into an otherwise correct program, will the code below compile?
٥.	Extra Credit: (1 pt) Inserted into an otherwise correct program, will the code below compile?  Explain why in one sentence:
(	void print_sum(int x, int y) {
,	int $z = x + y$ ;
	cout << "The sum is: " << z << endl; return z;
	NV: