BRETT WARRENDER

1. What is the difference betweenintandconst int?

2. What is the difference between a function declaration and a function definition?

3. What is wrong with the following C++ code? How would you fix it?int sum;for(int i=0; i<1000; ++i) {sum += i;}printf("Sum of 0 to 999 is %d\n", sum);

4. What is wrong with the following code and how would you fix it?int n = 1;if(n = 0) {print("n is zero\n");}

5. What is wrong with the following code and how would you fix it?int\*ptr = nullptr;scanf("%d", ptr);printf("You entered %d",\*ptr);

6. What is the difference between the \* and & operators?

7. Describe what each of the following declare:

(a) int\* a;

(b) const int b;

(c) const int\* c;

(d) int\* const d;1

(e) const int\* const e;