

C201 Review Questions #5

T(rue) or F(alse)

- 1)____ Array elements in same array may contain different data types.
- 2)____ The Array name is a constant pointer and always points to subscript 0.
- 3)____ Given array declaration "int N[20];", then to reference the last element it is N[20].
- 4)____ All character arrays end in the null terminator.
- 5)____ It is not allowed to initialize arrays when they are declared.
- 6)____ When passing an array to a function a copy of all the elements is made and passed in.
- 7)____ Given "int s = 5;", the following array declaration is allowed, "int X[s];"
- 8)____ C++ has no bound checking with array subscripts.
- 9)____ To make integer arrays easier to use, make sure you put a null terminator at the end.
- 10)____ Arrays can have no more then 32,767 for the size.

11) The function below is supposed to make a reverse copy of the char array Sentence, with length characters, but has some logical problems. Find at least 3 of these problems.

```
void MakeReversedCopy ( char Sentence[], char Reverse[], int Length )
{
    int K, N;
    N = Length;
    while ( Sentence[K] )
        Reverse[N--] = Sentence[K];
        ++K;
}
```