

Please write legibly. I'd like to give credit but can't if I can't read your answer.

```
int    a = 0, *pi = &a;           char   c = 'a', *pc = &c;
bool   b = 1, *pb = &b;         float  f = a, *pf = &f;
double d = 0.0, *pd = &d;       string s = "char";
char ch[] = { 'i', 'n', 't' };;
```

1. Write the definition of a **void** function with no parameters.

2. Write the prototype of a function that returns an **int**, that has one value parameter of type **double**. The function must have a different name than that in #1.

3. Write the definition of a **void** function that has one **char** reference parameter. The function must have a different name than those in 1-2.

4. Write the header of a function that returns a pointer to **int**, that has one value parameter of type pointer to **double**, one value parameter of type **int**, and one **bool** reference parameter. The function must have a different name than those in 1-3.

5. Write a function call to each the functions in 1-4. If your function call needs arguments, you must choose from the variables declared at the top of the page.

6. For each of the two functions you defined in 1-4, write a prototype for a function where function name overloading applies.