

## Quiz #5

Name:

1. Function Average reads doubles from an open file stream and computes their average. Complete function Average started below:

```
// Pre: fin is open and ready for reading and contains only doubles;  
//      the stream referenced by fin contains at least one double.  
// Post: All the double values are read and the average is returned.  
double Average( istream & fin )  
{
```

2. Write a main that opens a file named "input.txt", and then prints the average of the double values contained in the file. You may assume that the file exists, and thus you do not have to check the state of the stream; you also may use the simplest form for open (in other words, you do not need the second parameter).

```
int main( )  
{
```