Approach

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1. I began my solution by first looking at each ADT and reading the description of what each function is supposed to do.
2. I looked over each line in bagtestmain.cpp to understand the program flow.
3. I then implemented every function in the ADT’s with a return value of false to ensure that I could compile the program.
4. Once the program compiled, I began implementing each function in ABag according to the description in bagADT.
5. I then began implementing each function in BDictionary according to the description in dictionaryADT.
6. Once each function was implemented, I then tried to compile the program but ran into some issues, mainly dealing with how I was accessing the data pointer in ABag and the dictionary pointer in BDictionary. The compiler errors help immensely in debugging the problem and I was able to fix the issues quickly.
7. Once the program would compile without errors, I checked the output to confirm it was working as expected.