

Programing Project

| Class 1: Medicine | Class 1: Medicine |
|---|---|
| <u>Private:</u> Medicines: <u>name</u> :string amount of medicine: <u>amount</u> :int expiration dates-month: <u>expirationMonth</u> :string expiration dates-year: <u>expirationYear</u> :int | <u>Private:</u> Tools: <u>name</u> :string year when they were bought: <u>byear</u> :int year they should be changed: <u>year</u> :int |
| Function | Function |
| <u>Public:</u> Medicine::Medicine(string n,int a, string m, int year) :name(n), amount(a),expirationMonth(m),expirat ionYear(year) {} | <u>Public:</u> Tools::Tools(string n,int byear,int year) : name(n),buyingYear(byear),changeYear (year) {} |

| Class 3: Inventory |
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| <u>Private:</u> Call Medicine Call Tools |
| Function |
| <u>Public:</u> Call either medicine and tools so i can add a new medicine/tool to my inventory, along with the amount, expiration date and or date or replacement |
| Medicine::Medicine(string n,int a, string m, int year) :name(n), amount(a),expirationMonth(m),expirationYear(year) {} |