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## 20.1 Module 3 Project: Exception handling to detect input string vs. int

The given program reads a list of single-word first names and ages (ending with -1), and outputs that list with the age incremented. The program fails and throws an exception if the second input on a line is a string rather than an int. At FIXME in the code, add a try/catch statement to catch pring2024 ios\_base::failure, and output 0 for the age.

Ex: If the input is:

```
Lee 18
Lua 21
Mary Beth 19
Stu 33
-1
```

then the output is:

```
Lee 19
Lua 22
Mary 0
Stu 34
```

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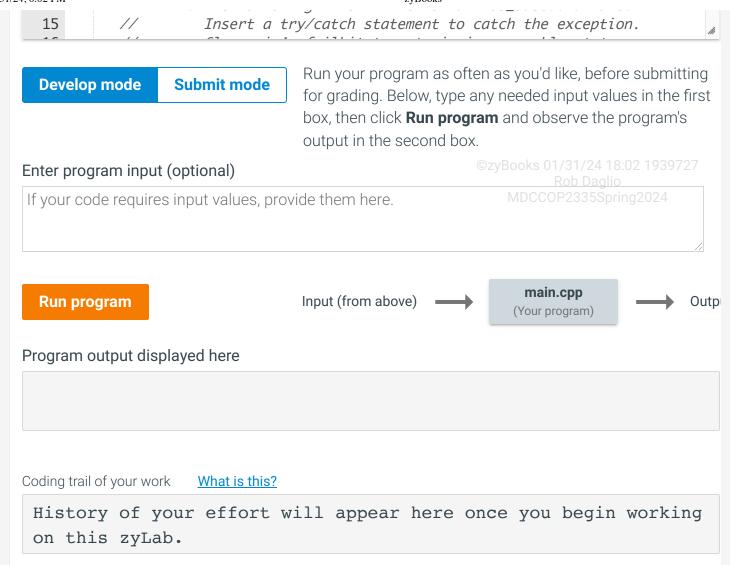
LAB ACTIVITY

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```
main.cpp
                                                               Load default template...
1 #include <string>
2 #include <iostream>
4 using namespace std;
5
6 int main() {
      string inputName;
7
8
      int age;
      // Set exception mask for cin stream
9
      cin.exceptions(ios::failbit);
10
11
12
      cin >> inputName;
13
      while(inputName != "-1") {
         // FIXME: The followina line will throw an ios base::failure.
14
```

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