Homework 01
Choose Your Own Adventure!

Objective:

Write a program that allows the user to play a "Choose Your Own Adventure" game. In this game the user will be prompted with making decisions, which will then lead them to different paths with different results until they reach the end.

Requirements:
- Functionality. (80pts)
    - No Syntax, Major Run-Time, or Major Logic Errors. (80pts*)
        - *Code that cannot be compiled due to syntax errors is nonfunctional code and will receive no points for this entire section.
        - *Code that cannot be executed or tested due to major run-time or logic errors is nonfunctional code and will receive no points for this entire section.
    - There must be 9 different endings. (20pts)
        - Each ending requires at least 2 decisions.
        - 3 of the 9 endings requires at least 3 decisions.
        - All must apply for full credit.
    - Variety of Decisions. (60pts)
        - There must be at least one branching statement that has a numeric comparison, such as "equal to", "strictly less than", etc. (20pts)
        - There must be at least one branching statement that has a String comparison. (20pts)
        - There must be at least one branching statement that has a compound Boolean expression. (20pts)
    - Be creative! Don't be vulgar or offensive (100pts*)
        - *Content deemed vulgar or offensive will result in an automatic 0 for the assignment.
        - *A code of conduct violation will be reported to the Office of Student Conduct for further review and sanctions.
        - *If there are questions about content, then you should ask the instructor before submitting the assignment.
- Coding Style. (10pts)
    - Readable Code
        - Meaningful identifiers for data and methods.
        - Proper indentation that clearly identifies statements within the body of a class, a method, a branching statement, a loop statement, etc.
        - All the above must apply for full credit.
- Comments. (10pts)

- o Your name in the file. (5pts)
- o At least 5 meaningful comments in addition to your name. These must describe the function of the code it is near. (5pts)
- **Extra Credit. (+10pts)**
  - o Include error checking for user input and allow the user to re-type their input without having to start the program again from the beginning.
  - o Include the error checking you do in block comments at the top of your code so the TA knows what they should test.
  - o There should be error checking in at least three decisions.
  - o For example:
    - Program: How many cookies do you take from the cookie jar (1-5)?
    - User: Three
    - Program: Please enter an integer using numbers.
    - Program: How many cookies do you take from the cookie jar (1-5)?

Finally:
Upload the solution's source file (.JAVA extension) to the CSCE Dropbox