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CSCI220

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<div align="center">Project 3</div>

The compiler I used is coderunner in vscode;

The compiler environment is C++ 17

File names: animal_guessing.h, animal_guessing.cpp, animal_data.txt, test_driver.cpp, output.pdf

For extra credit: My program is be able to read these in from a file so that upon exit, the tree is written to the file so that it builds on the information that is entered.    4 points extra credit will be given if the information for the tree is initially read from a file and written to a file upon exit.

```cpp
//
// text_driver.cpp
// Created by Jiahao Liang on 11/27/21.

#include <iostream>
#include "animal_guessing.h"

int main(int argc, char *argv[])
{
    AniamlGuessingTree test;
    test.playGame();
    return 0;
}
```

Filter      All Output

```
Welcome to Animal Guessing Game.

    [1]. Load Questions From a Text File to Play
    [2]. Create Your Own Questions to Play

Please Select [1/2]: 1
Are you a mammal?
yes
Do you live in the water?
yes
Are you by far the largest animal in the world?
no
My guess is a Dolphin. Am I right? [Yes/No]:
no
I give up. What are you?
Polar bear
Please type a [YES/NO] question that will distinguish a Dolphin from a Polar bear.
Do you live in the Arctic?
As a Polar bear, Do you live in the Arctic? Please answer [Yes or No]:
yes
Shall we play again? [YES/NO]:
no
Thank you for teaching me a thing or two.
```

Run Succeeded    Time 24 ms    Peak Memory 918K          Symbol    Tabs: 4    Line 5, Column 20