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**Class: CSC 121**

**Assignment: lab03c TestTable**

Program Guidelines

'''

Invalid par: value is not 3, 4, 5

Eagle: strokes are two less than par.

Birdie: strokes are one less than par.

Par: strokes == par

Bogey: strokes are 1 greater than par.

No match: output not caught by above rules.

'''

If elif structure

if par\_in not in [3, 4, 5]:

    print('Invalid par input detected.')

else:

    strokes\_in = int(input('How many strokes did you record for this hole of golf?: '))

    if strokes\_in == par\_in - 2: # Test if Eagle is achieved

        print("You got an Eagle!") # display result

    elif strokes\_in == par\_in - 1: # Test if Birdie is achieved

        print("You got an Birdie!") # display result

    elif strokes\_in == par\_in: # Test if par is achieved

        print("You got par!") # display result

    elif strokes\_in == par\_in + 1: # Test if Bogey is achieved

        print("You got a Bogey!") # display result

    else: # catch for other results

        print('Not sure what that score is, but we might not want to talk about it :)')

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Par** | **Test Strokes** | **Expected Result** | **Correct y/n** | **Notes** |
| 2 | 1 | Error: bad par | Y |  |
| 6 | 1 | Error: bad par | y |  |
| 3 | 1 | Eagle result | y |  |
| 3 | 2 | Birdie result | y |  |
| 3 | 3 | par | y |  |
| 3 | 4 | Bogey | y |  |
| 4 | 1 | Catch all | Y | Future: program hole in one check. |
| 4 | 2 | Eagle | y |  |
| 5 | 1 | Catch all | y |  |
| 5 | 2 | Catch all | y | Future: double eagle? |
| 5 | 3 | Eagle | y |  |
| 5 | 7 | Catch all | y |  |