

# Assignment2\_2

September 23, 2020

## 1 Assignment 2.2: Debugging

### 1.1 Task

(5 marks): A code has been written to randomly choose either heads or tails. The user is asked to make their choice. The program is designed to make a random choice between two strings (“h” and “t”) and then compare that choice with your entry. If their choice is the same as the randomly selected value, the message “You win” is displayed, otherwise “Bad luck” is printed.

The code contains three types of error (each type may appear more than once). Your task is to fix the bugs in this code and get a working program.

```
[ ]: import random
      coin = random.choice([h, t])
      guess = input('Enter h for heads or t for tails : ')

      if guess = coin:
          print('Correct! You win')
      else
          print('Bad luck')
      if coin = 'h':
          print('It was heads')
      else: print("It was tails")
```

```
[ ]:
```