

CSCI 127, Second Practicum – November 1, 2019

Name _____

Question One. 50 points. Dictionary Question. Write the missing function for the code below to return the name of the team in the dictionary that has the most wins. The function may assume that there is a unique answer. For example, when this code is run:

```
nl_east = {}
nl_east["Washington Nationals"] = 93
nl_east["Philadelphia Phillies"] = 81
nl_east["Atlanta Braves"] = 97
nl_east["New York Mets"] = 86
nl_east["Miami Marlins"] = 57
nl_west = {}

# National League East baseball standings dictionary
# The number of wins by the Nationals
# The number of wins by the Phillies
# etc.

# National League West baseball standings dictionary

print("NL East Winner:", determine_winner(nl_east))
print("NL West Winner:", determine_winner(nl_west))
```

this exact output would be produced:

```
NL East Winner: Atlanta Braves
NL West Winner: UNKNOWN
```

Question Two. 50 points. Object Orientated question. Supply the missing class and methods such that when this code is run:

```
nationals = Team("Washington Nationals")      # team name  
nationals.set_record(93, 69)                 # 93 wins, 69 losses  
print(nationals)
```

```
astros = Team("Houston Astros")  
print(astros)
```

this exact output would be produced:

```
Washington Nationals: 93 wins and 69 losses  
Houston Astros: 0 wins and 0 losses
```