

Quiz #5

ENGR 102 (Spears)

Follow good coding practice as discussed in class, and include the standard header and useful code comments.

Mitch needs a Python program to help him rank the pop music artists of the 2000s–2010s. This program should ask the user for his/her top five pop music acts of this century, store them in a list in rank-order, and then output the list.

The odd thing is that Mitch feels that everyone's list should include Justin Bieber. The program's output should vary, therefore, depending on whether the user enters Bieber. If Bieber is *not* included, the program should insert Bieber at the *top* of the list, and keep only the top 4 remaining user-input artists (dropping the last one).

You must use a loop to collect the input, and lists with list-operations to manipulate the data.

Display the results to Mitch in a nicely formatted table; descriptive, and including each artist name and rank, for example:

```
-----  
Number 1 Hit: Justin Bieber the Magnificent  
Number 2 Hit: Eiffel 65  
Number 3 Hit: Billy Ray Cyrus  
Number 4 Hit: Nickelback  
Number 5 Hit: Deftones  
-----
```

When finished, copy your code into the submission blank on eCampus.