HW Module2 Assignment

Assignment - Lists

```python
names_list,ages_list,gpa_list = [], [], []

print("An interview")
for i in range(5):
    print(i+1,"candidate")
    name = (input("What's your name? "))
    age = int((input("How old are you? ")))
    gpa = float((input("What's your current GPA? ")))
    names_list.append(name)
    ages_list.append(age)
    gpa_list.append(gpa)


response_manager = int(input("Are you a manager? type 1 to Yes and 0 to No
and press other number to exit: "))

if response_manager == 1:
    response_categories = int(input("Enter 0 to access Name\nEnter 1 to
access Age\nEnter 2 to access GPA"))
    if response_categories == 0:
        print(names_list)
    elif response_categories == 1:
        print(ages_list)
    elif response_categories ==2:
        print(gpa_list)

print("Best candidates", names_list[3], names_list[0], names_list[2])
print(f'{names_list}\n{ages_list}\n{gpa_list}')
```

```
> /usr/local/bin/python3 /Users/wl11291/Desktop/code-projects/187818-PythonFundamentalsandApplications/Module_2/main.py
An interview
1 candidate
What's your name? David
How old are you? 25
What's your current GPA? 4.6
2 candidate
What's your name? Daniel
How old are you? 27
What's your current GPA? 4.5
3 candidate
What's your name? Axel
How old are you? 30
What's your current GPA? 3.9
4 candidate
What's your name? John
How old are you? 28
What's your current GPA? 4.3
5 candidate
What's your name? Jose
How old are you? 19
What's your current GPA? 5.0
Are you a manager? type 1 to Yes and 0 to No and press other number to exit: 1
Enter 0 to access Name
Enter 1 to access Age
Enter 2 to access GPA0
['David', 'Daniel', 'Axel', 'John', 'Jose']
Best candidates John David Axel
['David', 'Daniel', 'Axel', 'John', 'Jose']
[25, 27, 30, 28, 19]
[4.6, 4.5, 3.9, 4.3, 5.0]
```

Assignment - Dictionaries:

```
TestResults(failed=0, attempted=2)
```

Assignment - Queues

```
Welcome to a queue task list maker
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 1
Add your task: finish homework
The task was added
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 1
```

```
Add your task: go to gym
The task was added
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 1
Add your task: wash my car
The task was added
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 2
Your first task is ->finish homework
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 3
Your task finish homework was removed succesfully
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 2
Your first task is ->go to gym
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 4
All the tasks were deleted
What would you like to do?
1: add a task
2: look at the first task
```

```
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 2
No task in the list
What would you like to do?
1: add a task
2: look at the first task
3: complete (remove) the first task
4: clear the tasks
5: exit
Enter your choice: 5
```