Slices.py

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```python
guest_list = ["James", "Ava", "Michael", "Sophia"]

print("Great news! I found a bigger dinner table, so more

# Add three new guests
guest_list.insert(0, "Olivia")              # beginning
middle_index = len(guest_list) // 2
guest_list.insert(middle_index, "Liam") # middle
guest_list.append("Emma")                   # end

# Sort the list alphabetically
guest_list.sort()

# Print updated invitations
print("Updated Guest List (Alphabetical Order):")
for guest in guest_list:
    print(f"Hello {guest}, you are invited to dinner!")

# ---------------------------
# 4-10 SLICES SECTION STARTS HERE
# ---------------------------

print("\nThe first three items in the list are:")
print(guest_list[:3])

print("\nThree items from the middle of the list are:")
middle_start = len(guest_list) // 2 - 1
print(guest_list[middle_start:middle_start + 3])

print("\nThe last three items in the list are:")
print(guest_list[-3:])
```

Windows PowerShell

```
Hello Olivia, you are invited to dinner!
Hello Emma, you are invited to dinner!

Final sorted guest list:
['Olivia', 'James', 'Ava', 'Michael', 'Sophia', 'Emma']
PS C:\Users\james\Onedrive\Desktop> python "Slices.py"
Great news! I found a bigger dinner table, so more guests can join us!

Updated Guest List (Alphabetical Order):
Hello Ava, you are invited to dinner!
Hello Emma, you are invited to dinner!
Hello James, you are invited to dinner!
Hello Liam, you are invited to dinner!
Hello Michael, you are invited to dinner!
Hello Olivia, you are invited to dinner!
Hello Sophia, you are invited to dinner!

The first three items in the list are:
['Ava', 'Emma', 'James']

Three items from the middle of the list are:
['James', 'Liam', 'Michael']

The last three items in the list are:
['Michael', 'Olivia', 'Sophia']
PS C:\Users\james\Onedrive\Desktop>
```

se a slice to print three items from the middle of the list.
e to print the last three items in the list.
nto a document.