Pokemon

Introduction:

This time you will create the data.

Step 1. Import the necessary libraries

```
import pandas as pd
```

Step 2. Create a data dictionary that looks like the DataFrame below

```
data = {
    'name': ['Bulbasaur', 'Charmander', 'Squirtle'],
    'type': ['Grass/Poison', 'Fire', 'Water'],
    'hp': [45, 39, 44],
    'evolution': [True, True, True],
    'pokedex': [1, 4, 7]
}
```

Step 3. Assign it to a variable called pokemon

```
pokemon = pd.DataFrame(data)
```

Step 4. Ops...it seems the DataFrame columns are in alphabetical order. Place the order of the columns as name, type, hp, evolution, pokedex

```
pokemon = pokemon[['name', 'type', 'hp', 'evolution', 'pokedex']]
```

Step 5. Add another column called place, and insert what you have in mind.

```
pokemon['place'] = ['Forest', 'Mountain', 'Lake']
```

Step 6. Present the type of each column

```
print(pokemon.dtypes)
```

```
name         object
type         object
hp            int64
evolution      bool
pokedex       int64
place        object
dtype: object
```

BONUS: Create your own question and answer it.

```
highest_hp = pokemon.loc[pokemon['hp'].idxmax()]
print("Pokemon with highest HP:\n", highest_hp)
```

```
Pokemon with highest HP:
 name            Bulbasaur
type         Grass/Poison
hp                     45
evolution            True
pokedex                 1
place              Forest
Name: 0, dtype: object
```