



Python Code

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TASK TO BE ACCOMPOLISHED

✓ Team Random Selection Code :)

```
[ ] import random

# Define the four test lists
level1_list = [1, 2, 3, 4]
level2_list = ['a', 'b', 'c', 'd']
level3_list = [99, 88, 77, 66]
level4_list = ["1$", "2%", "3%", "4@"]
```

✓ Think about a code that help us to have random new mixed lists, each list should have one element from each level lists.

Output may be like that following:

```
team1 = [1, 'c', 88, '2%']
team2 = [4, 'a', 99, '3%']
team3 = [2, 'b', 77, '4@']
team4 = [3, 'd', 66, '1$']
```

CODE

```
# your code here
import random

# Define the four test lists
level1_list = [1, 2, 3, 4]
level2_list = ['a', 'b', 'c', 'd']
level3_list = [99, 88, 77, 66]
level4_list = ["1$", "2%", "3%", "4@"]

# Shuffle each list to ensure randomness
random.shuffle(level1_list)
random.shuffle(level2_list)
random.shuffle(level3_list)
random.shuffle(level4_list)

# Generate teams ensuring uniqueness
team1 = [level1_list[0], level2_list[0], level3_list[0], level4_list[0]]
team2 = [level1_list[1], level2_list[1], level3_list[1], level4_list[1]]
team3 = [level1_list[2], level2_list[2], level3_list[2], level4_list[2]]
team4 = [level1_list[3], level2_list[3], level3_list[3], level4_list[3]]

# Print the teams
print(f"team1 = {team1}")
print(f"team2 = {team2}")
print(f"team3 = {team3}")
print(f"team4 = {team4}")
```

RESULTS

```
⇒ team1 = [2, 'c', 66, '1$']  
   team2 = [1, 'd', 88, '4@']  
   team3 = [3, 'a', 99, '2&']  
   team4 = [4, 'b', 77, '3%']
```

```
⇒ team1 = [4, 'd', 88, '2&']  
   team2 = [1, 'b', 66, '1$']  
   team3 = [2, 'a', 77, '4@']  
   team4 = [3, 'c', 99, '3%']
```

```
⇒ team1 = [3, 'b', 88, '2&']  
   team2 = [2, 'd', 99, '3%']  
   team3 = [1, 'a', 66, '1$']  
   team4 = [4, 'c', 77, '4@']
```

```
⇒ team1 = [2, 'a', 66, '1$']  
   team2 = [1, 'd', 77, '2&']  
   team3 = [4, 'c', 88, '4@']  
   team4 = [3, 'b', 99, '3%']
```

GITHUB LINK

<https://github.com/naglaaredaali/Team-Random-Selection-Python-Code.git>