

```

spicy_foods = [
    {
        "name": "Green Curry",
        "cuisine": "Thai",
        "heat_level": 9,
    },
    {
        "name": "Buffalo Wings",
        "cuisine": "American",
        "heat_level": 3,
    },
    {
        "name": "Mapo Tofu",
        "cuisine": "Sichuan",
        "heat_level": 6,
    },
]

```

#1.

```

my_list=[]
def get_names(spicy_foods):
    for i in spicy_foods:
        my_list.append((i["name"]))

```

```

get_names(spicy_foods)
print(my_list)

```

#2.

```

my_list1=[]
def get_spiciest_foods(spicy_foods):
    for i in spicy_foods:
        if i["heat_level"] > 5:
            my_list1.append(i)

```

#3.

```

get_spiciest_foods(spicy_foods)
print(my_list1)

```

#4.

```

def print_spicy_foods(spicy_foods):
    for i in spicy_foods:
        print(i["name"], "(" ,i["cuisine"], ")" , " | Heat Level:", i["heat_level"]* " " )

```

#5.

```

print_spicy_foods(spicy_foods)

```

#6.

```

def get_spicy_food_by_cuisine(spicy_foods,x):
    for i in spicy_foods:
        if i["cuisine"]==x:
            print(i)
            break

```

```

get_spicy_food_by_cuisine(spicy_foods,"American")

```

#7.

```

get_spicy_food_by_cuisine(spicy_foods,"Thai")

```

```
#8.
def print_spiciest_foods(spicy_foods):
    for i in spicy_foods:
        if i["heat_level"] > 5:
            print(i["name"], "(", i["cuisine"], ") ", " | Heat Level:", i["heat_level"] * " ")
```

```
#9.
print_spiciest_foods(spicy_foods)
```

```
#10.
def get_average_heat_level(spicy_foods):
    count = 0
    x=0

    for i in spicy_foods:
        count = i["heat_level"] + count
        x=x+1

    print("average_heat_level is", count/x)
```

```
get_average_heat_level(spicy_foods)
```

```
#11.
new_spicy_food=[{'name': 'Griot', 'cuisine': 'Haitian', 'heat_level': 10}]
def create_spicy_food(spicy_foods, new_spicy_food):
    print(spicy_foods, new_spicy_food)

create_spicy_food(spicy_foods, new_spicy_food)
```