

```
# Marvels of Butterfly Species
```

```
# Define a list of butterfly species with details
```

```
butterflies = [  
    {  
        "name": "Monarch Butterfly",  
        "scientific_name": "Danaus plexippus",  
        "color": "Orange and Black",  
        "habitat": "North America",  
        "fact": "Famous for its long migration from Canada to Mexico."  
    },  
    {  
        "name": "Blue Morpho",  
        "scientific_name": "Morpho menelaus",  
        "color": "Vibrant Blue",  
        "habitat": "Rainforests of Central and South America",  
        "fact": "Its wings appear blue due to light diffraction."  
    },  
    {  
        "name": "Peacock Butterfly",  
        "scientific_name": "Aglais io",  
        "color": "Red with eyespots",  
        "habitat": "Europe and Asia",  
        "fact": "Eyespots on wings scare predators."  
    },  
    {  
        "name": "Swallowtail Butterfly",  
        "scientific_name": "Papilionidae",  
        "color": "Yellow and Black",  
        "habitat": "Worldwide",  
        "fact": "Named for the tail-like extensions on their hindwings."  
    }  
]
```

```
# Function to display butterfly information
```

```
def show_butterflies():  
    print("🦋 Marvels of
```