Python-5 Classwork

1. 🐭 **Create Magic!**
   Mickey wants to store his friends' ages! Create a dictionary called `friends_ages` with keys `"Mickey"`, `"Minnie"`, `"Donald"`, `"Goofy"` and any age values! 🎂

2. 🧚 **Add a New Friend!**
   Mickey just met **Pluto** 🐶! Add `"Pluto": 5` to the `friends_ages` dictionary.

3. 🔍 **How Old Is Donald?**
   Use the dictionary to print Donald's age!
   print(friends_ages["Donald"])

4. 🗑️ **Oh no! Goofy left town...**
   Remove `"Goofy"` from the `friends_ages` dictionary using `del` or `.pop()` method.

5. 🎩 **Who's All There?**
   Print all the keys (names of friends) in the dictionary. Use `.keys()` 🗝️

6. 🎁 **Show Me the Gifts!**
   Print all the values (ages) of Mickey's friends using `.values()` 🎁

7. 🧙 **Minnie Got Older!**
   Update `"Minnie"`'s age to 29. She wants to stay young at heart! 💕

8. 📚 **How Many Friends Does Mickey Have?**
   Use `len()` to count how many friends are in the dictionary.

9. 🏆 **List All Friends with Their Ages!**
   Use a loop to print each friend's name and age like:

   Mickey is 27 years old!
   Minnie is 29 years old!

10. 🔄 **Convert Dictionary to List of Tuples!**
    Use `.items()` to convert Mickey's dictionary into a list of tuples like:

    [("Mickey", 27), ("Minnie", 29)]

11. 🏰 **Check If Daisy Is in the Castle!**
    Use the `in` keyword to check if `"Daisy"` is a key in the dictionary.

12. 🎈 **Daisy Joins the Party!**
    Add `"Daisy": 25` only if she's not already in the dictionary.

13. 🎨 **Copy the Magic!**
    Create a copy of `friends_ages` dictionary using `.copy()` and call it `party_guests`.

14. 🧩 **Nested Dictionary Magic**
    Create a dictionary `mickey_info` with Mickey's `"age"`, `"pet"` (Pluto), and `"hobbies"` as a list `["magic", "dancing"]`.

15. 🧹 **Clear the House for Cleaning!**
    Clear all items from the `friends_ages` dictionary using `.clear()` 🧼

16. 🧠 **Get Age of Non-existing Friend Safely!**
    Try getting `"Max"`'s age using `.get("Max")` to avoid errors if he's not there!

17. 🧞 **Create from Two Lists!**
    Mickey has two lists:

    ```
    names = ["Mickey", "Donald", "Goofy"]
    ages = [27, 30, 32]
    ```

    Create a dictionary from these two lists using `zip()`.

18. 🎭 **Reverse the Dictionary!**
    If the dictionary is `{ "Mickey": 27, "Donald": 30 }`, create `{ 27: "Mickey", 30: "Donald" }`.

19. 🕵️ **Find the Oldest Friend!**
    Loop through the dictionary and find the friend with the highest age!

20. 🥳 **Create a Birthday Countdown Dictionary!**
    Create a dictionary with friend names as keys and values as number of days left for their birthday (e.g., `"Minnie": 45`).