🔢 **Number Data Type Questions**

1️⃣ 💰 **Yuqoriga yaxlitlash:**

👉 Create a program that takes a float number as input and rounds it to **2 decimal places**.

2️⃣ 🔍 **Eng katta va eng kichik son:**

👉 Write a Python file that asks for **three numbers** and outputs the **largest and smallest**.

3️⃣ 📏 **Uzunlik o'lchovi:**

👉 Create a program that converts **kilometers to meters and centimeters**.

4️⃣ ➗ **Bo'lish va qoldiq:**

👉 Write a program that takes two numbers and prints out the result of **integer division** and the **remainder**.

5️⃣ 🌡️ **Harorat o'zgartirish:**

👉 Make a program that converts a given **Celsius temperature to Fahrenheit**.

6️⃣ 🔚 **Oxirgi raqam:**

👉 Create a program that accepts a number and returns the **last digit** of that number.

7️⃣ 🔍 **Juftmi yoki toq?:**

👉 Create a program that takes a number and checks if it's **even** or not.

✏️ **String Questions**

1️⃣ 🧒 **Yoshi nechida?:**

👉 Ask name and **year of birth** from user and tell them their **age**.

2️⃣ 🚗 **Mashina nomlarini ajrat:**

👉 Extract car names from this text: txt = 'LMaasleitbtui'

3️⃣ 🔤 **Matn o'zgartirish:**

👉 Take a **string input** from the user.

✓ Print the **length** of the string

✓ Convert the string to **uppercase** and **lowercase**

4️⃣ 🔁 **Palindrommi?:**

👉 Write a program to check if a given string is **palindrome** or not.

💡 *A palindrome is a word that reads the same backward as forward (e.g. madam, racecar).*

5️⃣ 🧑 **Unli va undosh harflar:**

👉 Write a program that counts the number of **vowels** and **consonants** in a given string.

6️⃣ 🔍 **Matn ichida matn:**

👉 Check if **one string contains another**.

7 📝 **So'z almashtirish:**

👉 Ask the user to input a **sentence** and a **word to replace**.

💬 Replace that word with **another word** provided by the user.

📌 *"I love apples." → "I love oranges."*

8 🔤 **Birinchi va oxirgi belgi:**

👉 Ask the user for a string and print the **first and last characters** of the string.

9 🔁 **Teskari matn:**

👉 Ask the user for a string and print the **reversed version** of it.

10 📊 **So'zlar soni:**

👉 Ask the user for a sentence and print the **number of words** in it.

🔢 🔍 **Raqam bormi?:**

👉 Check if a string contains **any digits**.

📎 🔤 **So'zlarni birlashtirish:**

👉 Take a list of words and **join** them into a single string, separated by a character (e.g., -, ,).

🧹 ❌ **Bo'sh joylarni olib tashlash:**

👉 Ask the user for a string and **remove all spaces** from it.

🆚 **Taqqoslash:**

👉 Ask for two strings and check if they are **equal or not**.

🔠 **Akranim yasash:**

👉 Ask for a sentence and create an **acronym** from the first letters of each word.

📌 *"World Health Organization" → "WHO"*

🧼 **Belgini olib tashlash:**

👉 Ask for a string and a character, then **remove all occurrences** of that character from the string.

🐝 **Unlilarni almashtirish:**

👉 Ask for a string and **replace all the vowels** with a symbol (e.g., *).

🚩 **Boshlanish va tugash tekshiruvi:**

👉 Check if a string **starts with** one word and **ends with** another.

📌 *"Python is fun!" starts with: Python, ends with: fun!*

✅ **Boolean Data Type Questions**

1 🔐 **Login tekshiruvi:**

👉 Write a program that accepts a **username and password** and checks if **both are not empty**.

2 🧮 **Tenglik:**

👉 Check if **two numbers are equal** and output a message if they are.

3 ➕ ✅ **Musbat va juftmi?:**

👉 Check if a number is **positive and even**.

4 🔀 **Har xilmi?:**

👉 Take **three numbers** and check if **all of them are different**.

5 📏 **Uzunliklar tengmi?:**

👉 Accept two strings and check if they have the **same length**.

6 🔢 **3 va 5 ga bo'linadimi?:**

👉 Accept a number and check if it's **divisible by both 3 and 5**.

7 ➕ **50 dan katta:**

👉 Check if the **sum of two numbers is greater than 50**.

8 🔢 **Oraliq ichida tekshirish:**

👉 Check if a given number is between **10 and 20 (inclusive)**.