

Name = Abdullah ASSIGNMENT NO 6

Question no 1:

List, tuple aur dictionary me kya farq hai?

1. **List** : ordered aur changeable hoti hai, [] brackets use karti hai.
2. **Tuple** : ordered lekin changeable nahi hoti, () brackets use karti hai.
3. **Dictionary** : key-value pairs hoti hai, {} brackets use karti hai.

Question no 2:

Tuples immutable (na badalne ke qabil) kyun hote hain? Inhein kab use karna chahiye?

Tuple is liye immutable hote hain taa ke memory kam lage, program tez chale. Tuple aisi cheez hai jo banne ke baad badalti nahi. Isay tab use karte hain jab data hamesha ek jaisa rehna ho.

Question no 3:

Dictionary ke keys kis tarah data ko asaan aur tezi se access karne me madad karte hain?

Dictionary ke keys is liye madadgar hote hain kyun ke in se hum data ko seedha us key ke naam se hasil kar lete hain, ginti gin kar cheez dhoondhne ki zaroorat nahi padti.

Question no 4:

Agar aap tuple ki value ko badalne ki koshish karein to kya hota hai?

Agar aap tuple ki value ko badalne ki koshish karte hain to Python error de deta hai, kyun ke tuple banne ke baad badal nahi sakta.

Question no 5:

List, tuple aur dictionary ka ek ek real-life example do.

1. List ka example: shopping list jisme cheezein add ya delete kar sakte ho.

2. Tuple ka example: ek student ka naam, janam ki tareekh aur shehar jo fix rehta hai.

3. Dictionary ka example: ek class ka record jisme roll number key ho aur student ka naam value ho.