**Type Annotations With Objects**

Type annotations with objects in TypeScript allow you to specify the types of properties that an object should have.

let personExOne: {

name: string;

age: number;

jobTitle?: string;

address: {

street: string;

city: string;

};

};

personExOne = {

name: "Alice",

age: 30,

jobTitle: "Engineer",

address: {

street: "123 Main St",

city: "Wonderland",

},

};

And there is yet another method

// Define an object type with type annotations

let personExTwo: {

name: string;

age: number;

jobTitle?: string;

address: {

street: string;

city: string;

};

} = {

name: "Alice",

age: 30,

jobTitle: "Engineer",

address: {

street: "123 Main St",

city: "Wonderland",

},

};

we're defining an object named **personExTwo** with specific type annotations for its properties:

* **name** is a required string property for the person's name.
* **age** is a required number property for the person's age.
* **jobTitle** is an optional string property for the person's job title, indicated by **jobTitle?: string**.
* **address** is an object with two required properties: **street** (string) and **city** (string).

We initialize **personExTwo** with specific values for each property. Later in the code, we modify some properties. Finally, we use **console.log** to display the property values of **personExTwo**.