**Assignment 3**

* Declare a variable for storing your favorite movie name with a string type annotation.

let Moviename: string = "ABC";

console.log(Moviename);

* Create a template string to introduce yourself, including your name and age.

let Name: String = "Sarfraz Baber";

let age: number = 37;

let intro: string = `My name is ${Name} and my age is ${age}`;

console.log(intro);

* Initialize a constant with a type annotation for your current mood as a boolean.

const Currentmood\_happy = true;

console.log(Currentmood\_happy);

* Combine a user's first and last name using template literals and log the full name.

let Intro2 = `My Name is  ${Name1} my age is ${age1}`;

console.log(Intro2);

* Create a variable for a user's age with a type annotation and assign a number to it.

let Name: String = "Sarfraz Baber";

let age: number = 37;

let intro: string = `My name is ${Name} and my age is ${age}`;

console.log(intro);

* Use a template string to display a product name and its price.

let Laptop: string = "Lenovo";

let price: number = 100000;

let productname = `Product is ${Laptop} and its price is ${price}`;

console.log(productname);

* Declare a variable to store the number of pets you have with a number type annotation.

let pets: number = 5;

let noofpets = `I have ${pets} pets at my home`;

console.log(noofpets);

* Declare a variable with a boolean type annotation indicating if it is your birthday today.

let birthday: boolean = false;

let todayBD = `Today is my birthday true or false

${birthday}`;

console.log(todayBD);

* Create a template string that includes a user's first name, last name, and age with proper labels.

let firstname = "Sarfraz"

let secondname = "baber"

let age3 = 37;

let template = `1st Name ${firstname}

2nd Name ${secondname}

age ${age3}`;

console.log(template);

* Initialize a constant to hold your birth year with a number type annotation.

const birthdayyear: number = 1985;

let mybirthday = `My birthday year is ${birthdayyear}`;

console.log(mybirthday);

* Write a line of code that uses a template string to combine a city and country into a full address.

let address: string = "H # 275, Street # 1, Fazaia Housing Scheme";

let City: String = "Lahore";

let Country: string = "Pakistan";

let homeaddress = `My Address is + ${address} + ${City} + ${Country}`;

console.log(homeaddress);

* Declare a variable for today's temperature with a number type annotation and assign a value to it.

let temperature: number = 25;

let temp: string = "foreign Heights";

let todaytemperature = `today  temperature is ${temperature}${temp} & cool breeze making over all envirement plasaent`;

console.log(todaytemperature);

**Result**

