Typescrpit

Types in TS:

* String (let myName: string = "Alice";)
* Number (let num: number = 10)
* Boolean (let flag: Boolean = true)
* any (TypeScript also has a special type, any, that you can use whenever you don’t want a particular value to cause typechecking errors. When a value is of type any, you can access any properties of it.

When you don’t specify a type, and TypeScript can’t infer it from context, the compiler will typically default to any.)

Functions:

* String type:
  + function greet(name: string) {

console.log(“Hello “+name.toUpperCase()+”!!”);

}

function greet(name: String)

{ console.log(“Hello ”+name); }

greet(“Soumita”);

function printname(x: {fname: number , lname?: number}) {

console.log(x. fname +x. lname);

}// in typescript

printname ({fname:”Soumita”, lname : “Banerjee”})

function printid(id: number|String)

{

If(typeof id === “string”)

console.log(“ID “+id);

else

console.log(“ID “+id);

}

printid(20);

printid(“a202”);

* Number type:

function cal(x: {a: number , b: number}) {

console.log(x.a+x.b);

}// in typescript

cal({x:10,y:20})

* Promise:

async function getFavoriteNumber(): Promise<number> {

return 26;

}

Loop:

* forEach():
  + l1 = [“Ram”,”Shyam”]

l1.forEach((s)=>{

console.log(s.toUpperCase());

});

* + l1.forEach(function(s){

conloe.log(s.toUpperCase());

});