**Day 1**

TypeScript is a type of scripting language provided by micro soft. Typescript known as super set of JavaScript which support all features of ES6.

Java Script doesn’t support static data types concept.

ES5

var n; undefined

var a=10; number type consider

a=”Ravi”; string type consider

a=true;

a=new Date();

ES6

function add(a,b) {

console.log(a+” ”+b);

}

add(10,20);

add(“A”,”B”);

add(100);

add();

function sayHello() {

this can return any type of value as well as no return type.

}

TypeScript support data type at compile time or static data type declaration.

Still all browser doesn’t support typescript. We need to convert TS to JS ie Transpiler (compiler).

TS file we use in developer mode.

Using npm we need to download Typescript compiler or transpiler

npm install -g typescript

tsc welcome.ts this command convert ts file to js

node welcome.js using this command run the program