**ES6 & Typescript Assignment - 03**

Q1.

const p1 = new Promise((resolve, reject) => {

setTimeout(() => {

resolve(10);

}, 1 \* 1000);

});

const p2 = new Promise((resolve, reject) => {

setTimeout(() => {

resolve(20);

}, 2 \* 1000);

});

Promise.all([p1, p2])

.then(results => {

const total = results.reduce((p, c) => p + c);

console.log(`Values of x, y: ${results}`);

console.log(`Total: ${total}`);

});

Q2.

class Account {

constructor(public id:number, public name:string,public bal:number){

console.log(bal);

}

}

class savAcc extends Account {

balance(cc: number,intr:number) {

let bal = cc \* intr;

console.log(bal)

}

}

class currAcc extends Account {

balance(cc: number,intr:number) {

let bal = cc \* intr;

console.log(bal)

}

}

const a1 = new savAcc(1,"jack",3000);

const a2 = new currAcc(2,"somi",3000);

a1.balance(1000,2);

a1.balance(5000,2);

a2.balance(5000,2);

a2.balance(1000,2);

Q3.

interface Printable {

print():void;

}

let circle: Printable = {

print(){

console.log("Hi, I am Circle.");

}

};

let employee: Printable = {

print(){

console.log("Hi, I am employee.");

}

};

function printall(circle:any,employee:any){

circle.print();

employee.print();

}

printall(circle,employee);