**Lesson23 Angular reactive forms put example**

**Notes:-**

**1-on the code behind we write the following code**

onSubmit(): void {

this.mapFormValuesToEmployeeModel();

this.employeeService.updateEmployee(this.employeeService.employee).subscribe(() => this.\_router.navigate(['list']),(err: any) => console.log(err));}

mapFormValuesToEmployeeModel() {

debugger;

//this.employeeService.employee.id = this.employeeForm.value.id;

this.employeeService.employee.fullName = this.employeeForm.value.fullName;

this.employeeService.employee.contactPreference = this.employeeForm.value.contactPreference;

this.employeeService.employee.email = this.employeeForm.value.emailGroup.email;

this.employeeService.employee.phone = this.employeeForm.value.phone;

// this.employeeService.employee.skill = this.employeeForm.value.skills;

let total:number = this.skillSets.length-1;

for(let i = 0;i <= total;i++){

this.employeeService.employee.skillName = this.employeeForm.controls.skills.get("skillName").value;

this.employeeService.employee.experienceInYears = this.employeeForm.controls.skills.get("experienceInYears").value;

this.employeeService.employee.proficiency =this.employeeForm.controls.skills.get("experienceInYears").value;}

**on the service we write the following code**

updateEmployee(employee: Employee): Observable<void> {

return this.httpClient.put<void>(this.baseUrl+"/UpdateEmployee?id="+employee.id, employee, {

headers: new HttpHeaders({

'Content-Type': 'application/json'})})

.pipe(catchError(this.handleError));}

**[HttpPut]**

**public HttpResponseMessage UpdateEmployee([FromUri] int id, [FromBody] Employee emp){**

**try{**

**using (CompnayDBEntities1 db = new CompnayDBEntities1()){**

**Employee Employee = db.Employees.Where(x => x.id == id).FirstOrDefault();**

**if (Employee != null){**

**Employee.fullName = emp.fullName;**

**Employee.contactPreference = emp.contactPreference;**

**Employee.phone = emp.phone;**

**Employee.email = emp.email;**

**Employee.skillName = emp.skillName;**

**Employee.experienceInYears = emp.experienceInYears;**

**Employee.proficiency = emp.proficiency;**

**db.SaveChanges();**

**return Request.CreateResponse(HttpStatusCode.OK, "Employee With ID And With The "+emp.fullName+ " Is Updated");}**

**else{**

**return Request.CreateErrorResponse(HttpStatusCode.NotFound, "Employee With ID " + id + " , Not Found");}}}**

**catch (Exception ex){**

**return Request.CreateErrorResponse(HttpStatusCode.BadRequest, ex);}}**