

# Module 5

## What to learn

Form Array  
FormBuilder  
Validation in Reactive Form

## Practice Exercise

### Practice 1 (65cdfdab7ba36e06448762aa)

Do the hands on from the following url for Reactive Form and Validating Form

<https://angular.io/guide/reactive-forms>

Create A Reactive Form and try to update partialy some field using patch value

## Assignment Exercise

### Assignment 1 (65cdfdab7ba36e06448762a9)

Create a Student Admission Form with the Following Field

Student Information: control id -> #studentForm

firstName: control id -> #firstName

middleName: control id -> #middleName

lastName: control id -> #lastName

DOB: control id -> #dob

place of birth: control id -> #placeOfBirth

first Language: control id -> #firstLanguage

city name: control id -> #city

state name: control id -> #state

country name: control id -> #country

pincode: control id -> #pin

Father Information:

father fullName: control id -> #fatherFullName

father email: control id -> #fatherEmail

father education qualification: control id -> #fatherEducation

father profession: control id -> #fatherProfession

father designation: control id -> #fatherDesignation

father phone number: control id -> #fatherPhone

Mother Information:

mother fullName: control id -> #motherFullName

mother email: control id -> #motherEmail

mother education qualification: control id -> #motherEducation

mother profession: control id -> #motherProfession

mother designation: control id -> #motherDesignation

mother phone number: control id -> #motherPhone

Emergency Contact: (formArrayName)

relation: control id -> #"emergencyContact' + {i}"

\*Dropdown with value (Sibling, Uncle, Aunt, Grandparent)

contact no: control id -> #"emergencyNumber' + {i}"

Buttons:

Add More: control id -> #add-emergencyContacts (Add more Emergency Contact)

Submit: control id -> #submit

validations:

1. Required -> {control name} is required (for all fields)

2. Email -> {control name} email format is invalid (for email type)

3. Phone number -> {control name} number should 10 characters (for phone number pattern)

Online Reference

No online Reference

**Introduction**

**the basics**

**course project-basics**

**debugging**

**components & databinding deep dive**

**course project – components & databinding**

**directives deep dive**

**Using Services & Dependency Injection**

**Course Project – Services & Dependency Injection**

**Changing Pages with Routing**

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**Handling Forms in Angular Apps**

**Course Project-Forms**

**Using Pipes to Transform Output**

**Making Http Requests**