Change Detection

- In Angular2 you can limit the change detection scope to components

- Using `chageDection` property we can choose a change detection strategy for a component

- The `changeDetection` field accept one of the following values:

  - `ChangeDetectionStrategy.Default` : sets detector mode to `CheckAlways`

  - `ChangeDetectionStrategy.OnPush` : sets detector mode to `CheckOnce` . This will limit change detection to the bindings affecting the component only

  - `ChangeDetectionStrategy.Detached` : change detector sub tree is not a part of the main tree and should be skipped

  - `ChangeDetectionStrategy.CheckAlways` : after calling detectChanges the mode of the change detector will remain `CheckAlways`

  - `ChangeDetectionStrategy.Checked` : change detector should be skipped until its mode changes to `CheckOnce`

  - `ChangeDetectionStrategy.CheckOnce` : after calling detectChanges the mode of the change detector will become `Checked`

- Having the ability to specify change detection strategy can reduce the number of checks and improve app's performance