

Day 3 home task

- Generate new project (with routing)
- Create following components: container, header, home
- Create services: budget
- Create interface (separate types.ts file) for Expense with fields: id, name, amount, description(optional)
- Define array of expenses in budget service

- Define home component template: "this app shows your expenses"
- Create components: expenses-list, expense-overview
- Define route "expenses" and render all available expenses by fetching them from service (create getExpenses() method in service, which returns defined expenses)
- Render multiple expense-overview components, display only name and amount information (*ngFor), pass data by @Input() expense: Expense;

- Create component: expense-details
- Define route “expenses/:id” (word “expenses” overlaps with previous, yes)
- Create method `getExpense()` in service, which returns expense record with specified id
- In expense-details component extract route id parameter and call `getExpense()` method from service to get required object
- Render all fields of expense object, if field ‘description’ is undefined, do not render that part (`*ngIf`)

- Define onClick EventEmitter on expense-overview to emit field 'id'
- Inject angular router constructor(private router: Router)
- onClick event on expense-overview in expense-list component
navigate to route of expense-details component
(this.router.navigate(['/expenses', id]))

Apply styling, guards as needed