Task #1 (In-Class Exercise)

- From Moodle download the code to be refactored

- In the UML model you find classes **Employee**, **EmployeeType**, **Engineer** and **Manager**.

- The payAmount() method of Employee class calculates the monthly salary for different types of employees, like Engineer, Manager etc.

Your task:

1. Refactor the payAmount() method by replacing the case statement using polymorphism

2. Add a new type of Employee, **Intern**, whose monthly salary is half the salary of an Engineer.