ES Next Day 3

1. Create Dynamic object representing a student using Proxy such that it has only the following properties
   ● Name that should be less than 10 characters .
   ● Age that should be number and between 15 to 25
   ● grade should be string value ("A","B","C",etc)

2.using native js.............

Class 1: Person

● Properties:

    name (string)   age (number)

● Methods:

    ○ introduce(): Logs a message like:
    "Hi, my name is [name] and I am [age] years old."

Class 2: Employee (inherits from Person)

    ○ Additional Properties:

        position (string   salary (number)

● Additional Method:

    ○ work(): Logs a message like:

    "I am working as a [position] and my salary is [salary]."

2.Using ES6 new OOP syntax and feature:

- using moduls

- Define a class named Course
- It should have:
  - Properties: title (string), duration (number, in weeks)
  - Method: display()

    - Should log:
      "Course: [title], Duration: [duration] weeks"

Define a new class OnlineCourse that **inherits from** Course using extends.

Add one extra property: platform (string).

Override the display() method to include platform:

- Should log:
  "Online Course: [title], Duration: [duration] w**3.** Create at least:[platform]

- Call the display() method on both objects to show that inheritance and method overriding are working.