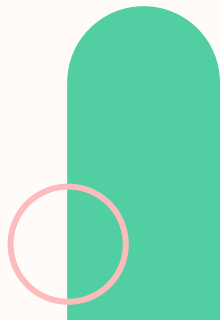Purwadhika
Digital Technology School

Full Stack Web Development
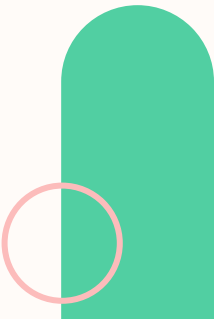
Exercise

Exercise

- Create a function to check if two objects are equal
- Example
  - Input : `{ a: 2 } & { a: 1 }`
  - Output: `false`
- Example
  - Input : `{ a: "Hello" } & { a: 1 }`
  - Output: `false`
- Example
  - Input : `{ a: 1 } & { a: 1 }`
  - Output: `true`

Exercise

- Create a function to get the intersection of two objects
- Example
  - Input : `{ a: 1, b: 2 }` & `{ a: 1, c: 3 }`
  - Output: `{ a: 1 }`
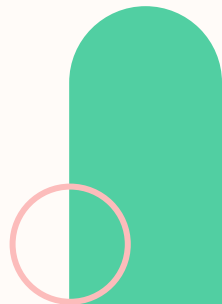
Exercise

- Create a function to merge two array of student data and remove duplicate data
- Student data : name & email
- Example :

  Array1 ➜ [

      { name: 'Student 1', email : 'student1@mail.com' },

      { name: 'Student 2', email : 'student2@mail.com' }

  ]

  Array2 ➜ [

      { name: 'Student 1', email : 'student1@mail.com' },

      { name: 'Student 3', email : 'student3@mail.com' }
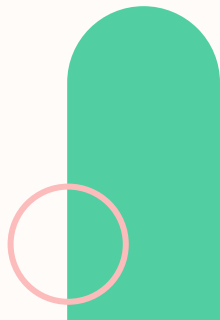
  ]

- Result :

  ArrayResult ➜ [

      { name: 'Student 1', email : 'student1@mail.com' },

      { name: 'Student 2', email : 'student2@mail.com' },

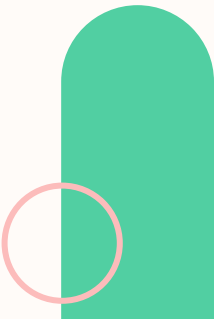   { name: 'Student 3', email : 'student3@mail.com' }

  ]

Exercise

- Create a function that can accept input as an array of objects and switch all values into property and property into value
- Example :
  - Input : `[{ name: 'David', age: 20 }]`
  - Output : `[{ David: 'name', 20: 'age' }]`

Exercise

- Create a function to find a factorial number using recursion
- Example
    - Input : `5`
    - Output: `5! = 5 x 4 x 3 x 2 x 1 = 120`

Thank You!