

The transform function is designed to convert a DetailedPerson record into a DetailedStudent

Transform function is,

function transform(DetailedPerson person) returns DetailedStudent => {};

Input Record (DetailedPerson person):

id (int): Unique identifier for the person.

firstName (string): First name of the person.

lastName (string): Last name of the person.

age (int): Age of the person.

visaType (string): Visa type of the person.

weight (string): Weight of the person.

salary (string): Salary of the person.

totalCredits (int): Total academic credits.

isRegistered (boolean): Registration status.

personalDetails (PersonalDetails): Nested record containing homeAddress and courseDetails

emergencyContacts (DetailedPerson[]): Array of emergency contacts.

Nested Record: personalDetails in person

homeAddress (Address): Nested homeAddress record containing city, zip code, and country.

homeAddress

city (string): City of residence.

zipCode (string): ZIP code of residence.

country (string): Country of residence.

courseDetails (CourseDetails[]) as follows

Output Record (DetailedStudent):

id (string): Unique identifier for the student.

name (string): Full name of the student.

age (int): Age of the student.

weight (float): Weight of the student.

courses (Course[]) as follows like courseDetails in personalDetails in person

totalCredits (float): Total academic credits.

isRegistered (string): Registration status.

employment (EmploymentDetails): Nested employment details containing job title and salary.

address (Address): Nested address record containing city, zip code, and country.

contacts (int): Number of emergency contacts.