## client

## Client

 $-EXIT: byte = 0 \{readOnly\}$ 

-CREATE CITY: byte = 1 {readOnly}

-CREATE USER: byte = 2 {readOnly}

-WIRE MONEY TO USER: byte = 3 {readOnly}

-CHANGE USER ADDRESS: byte = 4 {readOnly}

-CREATE CATEGORY: byte = 5 {readOnly}

-CREATE ARTICLE: byte = 6 {readOnly}

-MODIFY\_ARTICLE\_PRICE: byte = 7 {readOnly}

-ADD ARTICLE DISCOUNT: byte = 8 {readOnly}

-ADD\_TO\_CART: byte = 9 {readOnly}

-REMOVE FROM CART: byte = 10 {readOnly}

-PAYMENT: byte = 11 {readOnly}

-ALL\_CITIES: byte = 12 {readOnly}

-ALL\_USERS: byte = 13 {readOnly}

-ALL\_CATEGORIES: byte = 14 {readOnly}

-ALL ARTICLES USER IS SELLING: byte = 15 {readOnly}

-VIEW CART: byte = 16 {readOnly}

-USER ORDERS: byte = 17 {readOnly}

-ALL ORDERS: byte = 18 {readOnly}

-ALL TRANSACTIONS: byte = 19 {readOnly}

-isCreated: Boolean = false

-run(): void

+create(): Client

+main(args: String[\*]): void

-trimIncomingString(string: String): String[\*]

-createCity(cityName: String, cityCountry: String): void

-createUser(userName: String, firstName: String, lastName: String, password: String, street: String, streetNumber: String, cityName: String, cityCountry: String): void

-getCities(): void

-getUsers(): void

-wireMoneyToUser(userName: String, money: String): void

-changeUserAddress(userName: String, street: String, streetNumber: String): void

-createCategory(categoryName: String, superCategoryName: String): void

-getCategories(): void

-createArticle(articleName: String, articlePrice: String, articleDescription: String, articleCategory: String, owner: String): void

-changeArticlePrice(articleName: String, newPrice: String): void

-setArticleDiscount(articleName: String, discount: String): void

-getUserArticles(username: String): void

-addToCart(articleName: String, articleAmmount: String, username: String): void

-removeFromCart(articleName: String, articleAmmount: String, username: String): void

-getUserCart(username: String): void

-getUserOrders(username: String): void

-getAllOrders(): void

-payment(username: String): void

-getTransactions(): void