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| AirbnbListing |
| totalListings: int  CLEANING\_FEE: double  SERVICE\_FEE: double  TAX\_RATE: double  rand: Random  df: DecimalFormat  listingName: String  listingType: String  wifiName: String  wifiPassword: String  accessKey: String  confirmationCode: String  minNights: int  listingCode: int  nightStayed: int  pricePerNight: double  averageRating: double  tax: double  location: Address |
| + AirbnbListing()  + AirbnbListing(name: String, location: Address, type: String, pricePerNight: double)  + getTotalListings(): int  + setTotalListings(totalListings: int): void  + getListingName(): String  + setListingName(listingName: String): void  + getMinNights(): int  + setMinNights(minNights: int): void  + getListingType(): String  + setListingType(listingType: String): void  + getAverageRating(): double  + setAverageRating(averageRating: double): void  + getWifiName(): String  + setWifiName(wifiName: String): void  + getWifiPassword(): String  + setWifiPassword(wifiPassword: String): void  + getListingCode(): int  + setListingCode(listingCode: int): void  + getNightStayed(): int  + setNightStayed(nightStayed: int): void  + getPricePerNight(): double  + setPricePerNight(pricePerNight: double): void  + getTax(): double  + getAccessKey(): String  + setAccessKey(accessKey: String): void  + getConfirmationCode(): String  + setConfirmationCode(confirmationCode: String): void  + getLocation(): Address  + setLocation(location: Address): Address  + getCLEANING\_FEE(): double  + getSERVICE\_FEE(): double  + getTAX\_RATE(): double  + toString(): String  + calculateTotalPrice(numberOfNights: int): double  + bookListing(nightRequested: int): void  + displayReceipt(nightStayed: int): void |