Customer Class

- name: String
- IDNum: int
- nextIDNum: int
- address: String
- city: String
- state: String
- zipCode: int
- phoneNumber: String
  - +monthlyTalkPackage: MonthlyTalkPackage
  - + phoneChoice: PhoneChoice
  - +monthlyDataPackage: DataPackage
- monthlyBill: double
- startupBill: double
- shippingCost: double
- moveOn: Boolean
- AK_HI_PREFIXES: array
- AK_HI_SHIP_COST: double
- SINGLE_ZIP_COST: double
- CON_US_SHIP_COST: double

+ Customer()
+ Customer (String, String, String, String, int, String)
+ getName() : String
+ getIDNum() : int
+ getAddress() : String
+ getCity() : String
+ getState() : String
+ getZipCode() : int
+ getPhoneNumber() : String
+ setName(String)
+ setIDNum()
+ setAddress(String) :
+ setCity(String) :
+ setState(String) :
+ setZipCode(int) :
+ setPhoneNumber(String) :
+ toString( ): String
+ setMonthlyTalkPackage(MonthlyTalkPacakge):
+ setPhoneChoice(PhoneChoice):
+ setDataPackage(DataPackage):
+ getMonthlyTalkPackage(): MonthlyTalkPackage
+ getDataPackage(): DataPackage
+ getPhoneChoice() : PhoneChoice
+ setMonthlyBll(MonthlyTalkPackage, DataPackage)
+ setShippingCost(String)
+ getShippingCost(): double   continued➔

TextMenu Class

- talkPackages: ArrayList<TalkPackages>
- phoneChoice: ArrayList<PhoneChoice>
- dataPackages: ArrayList<DataPackage>

+ Menu()
+fileReadin()
+ displayTalkPackages(): String
+ displayPhoneChoiceOptions(): String
+ displayDataPackageOptions(): String
+ getTalkPackageSize(): int
+ getPhoneChoiceSize() : int
+ getDataPackageSize(): int
+ getTalkPackage(int): TalkPackage
+ getPhoneChoice(int): PhoneChoice
+ getDataPackage(int): DataPackage

Option Class

- optionName: String
- optionPrice: double

+ Option()
+Option(String , double)
+ getOptionName(): String
+getOptionPrice() : double
+ setOptionName(String):
+ setOptionPrice(double) :
+ toString() :

DataPackage Class

- dataName: String
- dataPrice: double

+DataPackage()
+ DataPackage (String, double)
+ getDataName() : String
+ getDataPrice() : double
+ setDataName (String)
+ setDataPrice (double)
+ toString() : String

DataPackage()   1..*

MonthlyTalkPackage Class

- talkMinutes: String
- talkPrice: double

+ MonthlyTalkPackage()
+MonthlyTalkPaackge(String, double)
+ getTalkMinutes() : String
+ getTalkPrice() : double
+ setTalkMinutes(String)
+ setTalkPrice(double)
+ toString() : String

PhoneChoice Class

- phoneName: String

+PhoneChoice()
+PhoneChoice(String, double)
+ getPhoneName() : String
+ getPhonePrice() : double
+ setPhoneName (String)
+ setPhonePrice (double)

FieldOutOfBounds Class

+ FieldOutOfBounds(): String

MonthlyTalkPackage()   1..*

PhoneChoice() 1..*

+ setStartupCost(PhoneChoice):
+getStartupCost(): double
+ getMonthlyBill() : double
+ phoneNumberCheck(String): boolean