

CruiseShip extends Ship

```
- Ticket: double
- numOfFloors: int
- cruiseType: String

+ getTicket() : double
+ setTicket(): void
+ getNumOfFloors() : int
+ setNumOfFloors(): void
+ getCruiseType(): String
+ setCruiseType: void
+ @OVERRIDE
  calcArea(): int
+ @OVERRIDE
  print(): void
```



inherits

Ship

```
- Name: String
- yearBuilt: int
- capacity: int
- length: int
- width: int
- height: int
- departureDate: String
- arrivalDate: String
```

```
Driver
+main
(String[]a
rgs):
static
void
```

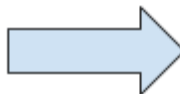


```
+ setName(): void
+ getName(): String
+ setYear(): void
+ getYear() int
+ setCapacity(): void
+ getCapacity(): int
+ getLength(): int
+ setLength(): void
+ getWidth(): int
+ setWidth(): void
+ getHeight(): int
+ setHeight(): void
+ getDepartureDate(): String
+ setDepartureDate(): void
+ getArrDate(): String
+ setArrDate(): void
+ calcArea(): int
+ print(): Void
```

CargoShip extends Ship

```
- loadingType(): string
- cargoType(): string

+ getLoadingType(): string
+ setLoading(): void
+ getCargoType(): string
+ setCargoType(): void
+ @OVERRIDE
  print(): void
```



inherits