All Class java file codes

1.Artwork

import java.util.Date;

public class Artwork {

private int artworkId;

private String title;

private int artistId;

private String genre;

private int creationYear;

private double price;

private String status;

public Artwork(int artworkId, String title, int artistId, String genre, int creationYear, double price, String status) {

this.artworkId = artworkId;

this.title = title;

this.artistId = artistId;

this.genre = genre;

this.creationYear = creationYear;

this.price = price;

this.status = status;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public String getTitle() {

return title;

}

public void setTitle(String title) {

this.title = title;

}

public int getArtistId() {

return artistId;

}

public void setArtistId(int artistId) {

this.artistId = artistId;

}

public String getGenre() {

return genre;

}

public void setGenre(String genre) {

this.genre = genre;

}

public int getCreationYear() {

return creationYear;

}

public void setCreationYear(int creationYear) {

this.creationYear = creationYear;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

public String getStatus() {

return status;

}

public void setStatus(String status) {

this.status = status;

}

}

2.Artist

public class Artist {

private int artistId;

private String name;

private String nationality;

public Artist(int artistId, String name, String nationality) {

this.artistId = artistId;

this.name = name;

this.nationality = nationality;

}

public int getArtistId() {

return artistId;

}

public void setArtistId(int artistId) {

this.artistId = artistId;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getNationality() {

return nationality;

}

public void setNationality(String nationality) {

this.nationality = nationality;

}

}

3.Exhibition

import java.util.Date;

public class Exhibition {

private int exhibitionId;

private String title;

private Date startDate;

private Date endDate;

private String curator;

public Exhibition(int exhibitionId, String title, Date startDate, Date endDate, String curator) {

this.exhibitionId = exhibitionId;

this.title = title;

this.startDate = startDate;

this.endDate = endDate;

this.curator = curator;

}

public int getExhibitionId() {

return exhibitionId;

}

public void setExhibitionId(int exhibitionId) {

this.exhibitionId = exhibitionId;

}

public String getTitle() {

return title;

}

public void setTitle(String title) {

this.title = title;

}

public Date getStartDate() {

return startDate;

}

public void setStartDate(Date startDate) {

this.startDate = startDate;

}

public Date getEndDate() {

return endDate;

}

public void setEndDate(Date endDate) {

this.endDate = endDate;

}

public String getCurator() {

return curator;

}

public void setCurator(String curator) {

this.curator = curator;

}

}

4.Sale

import java.util.Date;

public class Sale {

private int saleId;

private int artworkId;

private int customerId;

private Date saleDate;

private double price;

public Sale(int saleId, int artworkId, int customerId, Date saleDate, double price) {

this.saleId = saleId;

this.artworkId = artworkId;

this.customerId = customerId;

this.saleDate = saleDate;

this.price = price;

}

public int getSaleId() {

return saleId;

}

public void setSaleId(int saleId) {

this.saleId = saleId;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public int getCustomerId() {

return customerId;

}

public void setCustomerId(int customerId) {

this.customerId = customerId;

}

public Date getSaleDate() {

return saleDate;

}

public void setSaleDate(Date saleDate) {

this.saleDate = saleDate;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

}

5.Collector

public class Collector {

private int collectorId;

private String name;

private String email;

private String phoneNumber;

public Collector(int collectorId, String name, String email, String phoneNumber) {

this.collectorId = collectorId;

this.name = name;

this.email = email;

this.phoneNumber = phoneNumber;

}

public int getCollectorId() {

return collectorId;

}

public void setCollectorId(int collectorId) {

this.collectorId = collectorId;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getPhoneNumber() {

return phoneNumber;

}

public void setPhoneNumber(String phoneNumber) {

this.phoneNumber = phoneNumber;

}

}

6.Catalog

import java.util.Date;

public class Catalog {

private int artworkId;

private String description;

private Date dateAdded;

public Catalog(int artworkId, String description, Date dateAdded) {

this.artworkId = artworkId;

this.description = description;

this.dateAdded = dateAdded;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

public Date getDateAdded() {

return dateAdded;

}

public void setDateAdded(Date dateAdded) {

this.dateAdded = dateAdded;

}

}

7.Loan

import java.util.Date;

public class Loan {

private int loanId;

private int artworkId;

private int lenderId;

private int borrowerId;

private Date startDate;

private Date endDate;

public Loan(int loanId, int artworkId, int lenderId, int borrowerId, Date startDate, Date endDate) {

this.loanId = loanId;

this.artworkId = artworkId;

this.lenderId = lenderId;

this.borrowerId = borrowerId;

this.startDate = startDate;

this.endDate = endDate;

}

public int getLoanId() {

return loanId;

}

public void setLoanId(int loanId) {

this.loanId = loanId;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public int getLenderId() {

return lenderId;

}

public void setLenderId(int lenderId) {

this.lenderId = lenderId;

}

public int getBorrowerId() {

return borrowerId;

}

public void setBorrowerId(int borrowerId) {

this.borrowerId = borrowerId;

}

public Date getStartDate() {

return startDate;

}

public void setStartDate(Date startDate) {

this.startDate = startDate;

}

public Date getEndDate() {

return endDate;

}

public void setEndDate(Date endDate) {

this.endDate = endDate;

}

}

8.Promotion

import java.util.Date;

public class Promotion {

private int promotionId;

private String name;

private String description;

private Date startDate;

private Date endDate;

public Promotion(int promotionId, String name, String description, Date startDate, Date endDate) {

this.promotionId = promotionId;

this.name = name;

this.description = description;

this.startDate = startDate;

this.endDate = endDate;

}

public int getPromotionId() {

return promotionId;

}

public void setPromotionId(int promotionId) {

this.promotionId = promotionId;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

public Date getStartDate() {

return startDate;

}

public void setStartDate(Date startDate) {

this.startDate = startDate;

}

public Date getEndDate() {

return endDate;

}

public void setEndDate(Date endDate) {

this.endDate = endDate;

}

}

9.Inventory

public class Inventory {

private int artworkId;

private int quantity;

public Inventory(int artworkId, int quantity) {

this.artworkId = artworkId;

this.quantity = quantity;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public int getQuantity() {

return quantity;

}

public void setQuantity(int quantity) {

this.quantity = quantity;

}

}

10.Conservation:

import java.util.Date;

public class Conservation {

private int conservationId;

private int artworkId;

private String conservator;

private Date conservationDate;

private String details;

public Conservation(int conservationId, int artworkId, String conservator, Date conservationDate, String details) {

this.conservationId = conservationId;

this.artworkId = artworkId;

this.conservator = conservator;

this.conservationDate = conservationDate;

this.details = details;

}

public int getConservationId() {

return conservationId;

}

public void setConservationId(int conservationId) {

this.conservationId = conservationId;

}

public int getArtworkId() {

return artworkId;

}

public void setArtworkId(int artworkId) {

this.artworkId = artworkId;

}

public String getConservator() {

return conservator;

}

public void setConservator(String conservator) {

this.conservator = conservator;

}

public Date getConservationDate() {

return conservationDate;

}

public void setConservationDate(Date conservationDate) {

this.conservationDate = conservationDate;

}

public String getDetails() {

return details;

}

public void setDetails(String details) {

this.details = details;

}

}