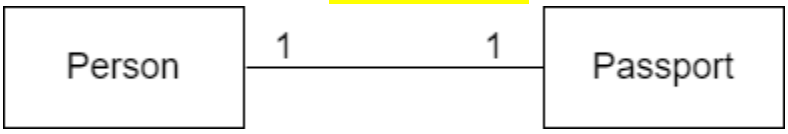
AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH
(AIUB)
Faculty of Science and Technology (FST)
Department of Computer Science (CS)

Course title: CSC 1205: Object Oriented Programming 1 (JAVA)

Topic: Developing a basic java class with Association.

Look at the following class notation and class diagram carefully. Then develop the program.

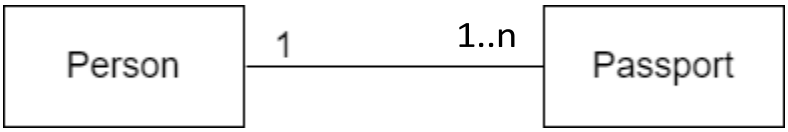
Lab Task 01



Person	Passport
String name int age Passport pp	String passportNo String expireDate int pages
Person() Person(String name, int age, Passport pp)	Passport() Passport(String passportNo, String expireDate, int pages)
void setName(String name) void setAge(int age) void setPassport(Passport pp) String getName() int getAge() Passport getPassport() void showAllInfo()	void setPassportNo(String passportNo) void setExpiredate(String expireDate) void setPages(int pages) String getPassportNo() String getExpireDate() int getPages() void showPassportInfo()

The **Start** class contains the main method. Inside the main method, create two objects of Passport and two objects of Person. Then, demonstrate all the methods.

Lab Task 02



Person	Passport
String name int age Passport pp[]	String passportNo String country int pages
Person() Person(String name, int age, int size)	Passport() Passport(String passportNo, String country, int pages)
void setName(String name) void setAge(int age) String getName() int getAge() void addPassport(Passport pp) void deletePassport(Passport pp) void showPassports()	void setPassportNo(String passportNo) void setCountry(String country) void setPages(int pages) String getPassportNo() String getCountry() int getPages() void showPassportInfo()

The **Start** class contains the main method. Inside the main method, create five objects of Passport and one object of Person. Then, demonstrate all the methods.