

STUDENT		
-	roll	int
-	*marks	int
-	name	string
-	course	string
-	admission	string
-	validMarks	bool
+	maxSubjects	const int
+	STUDENT(int,string,string)	constructor
+	getRoll()	int
+	getMarks()	int*
+	setMarks(int)	void
+	getValidMarks()	bool
+	getName()	string
+	getCourse()	string
+	getAdmission()	string
<ul style="list-style-type: none"> <li>• constructor to initialize data members and validate class invariants</li> <li>• getter function for roll</li> <li>• getter function for marks</li> <li>• setter function for marks</li> <li>• getter function for setMarks</li> <li>• getter function for name</li> <li>• getter function for course</li> <li>• getter function for admission</li> </ul>		



BATCH		
-	students	int
-	capacity	int
-	*list	STUDENT
+	BATCH(int)	constructor
+	admission(string,string)	void
+	examination(int,int)	void
+	checkStudent(int)	bool
+	getStudents()	int
+	getList()	STUDENT*
<ul style="list-style-type: none"> <li>• constructor to initialize data members and validate class invariants</li> <li>• member function to admit a student</li> <li>• member function to examine student</li> <li>• member function to check student roll validity</li> <li>• getter function for students</li> <li>• getter function for list</li> </ul>		