

INTRODUCTION

This program is an attempt to computerise college management database in a menu driven interface. It is accepting the details into object 'c' of class 'College' and storing it in a binary file 'college.dat'.

CLASS DEFINITION

Structure scholar

DATA MEMBER	DESCRIPTION
det	Scholarship details
per	Minimum percentage to avail scholarship

Class College

DATA MEMBER	DESCRIPTION
college_id	Unique id associated with each college
rank	Global rank of each college
course_dur	Duration of the course
name	Name of the college
state	State
country	Country
web	Website
date	Application Deadline
course	Course offered
select_crit	Selection criteria for admission
type	Type of college (part of university)
scholar_crit	Scholarship criteria

DATA MEMBER	DESCRIPTION
fee	Tuition fee

MEMBER FUNCTION	DESCRIPTION
getd()	Input the data members
show()	Display the data stored in data members
app_show()	Display application details
ret_nm()	Public accessor function for name
ret_id()	Public accessor function for name
ret_rank()	Public accessor function for rank
ret_per()	Public accessor function for scholar.per
ret_fee()	Public accessor function for fee
ret_det()	Public accessor function for scholar.det
ret_tp()	Public accessor function for type
ret_cs()	Public accessor function for course
schol()	To check if scholarship criteria met by student
ret_ctry()	Public accessor function for country

Functions

FUNCTION	DESCRIPTION
check_pass()	Check password
create()	Create file
scholar()	Check for applicable scholarship
app()	Displays application details
fread()	Displays file content
add() add_c() add_f() add_n()	Add record at last, after a particular college, first, nth position
edit_n() edit_id() edit_nm()	Edit record at nth position, as per a particular college id, name
delete_nm() delete_id() delete_n() delete_l() delete_f()	Delete record as per a particular college name, id, at nth position, last, first
src_name() src_id() src_rank() src_ctype() src_cs()	Search a college as per name, id, rank, country, course
count_ctype() count_fee() count_tp() count_cs()	Count no. of colleges as per country, fee, type, course