<u>abbreviation</u>	full-name	dept-abbreviation							
non-null;string	non-null;string	non-null;string	_						
CLASSROOM		h see all assess	1	7					
capacity non-null;integer	computer-password string	building-abbreviation non-null;string	room-number non-null;integer(1000-9999)	_					
COURSE TEXTBOOK	30.115	nun,sumg							
ourse-number	textbook	1							
non-null;integer(1000-9999)		-							
COURSE									
course-number	name	credit-hour	dept-abbreviation						
non-null;integer(1000-9999)	non-null;string	non-null;integer(1-6)	non-null;string						
DEPMENTART		To a	T	-					
abbreviation	website-address	full-name	head-prof-net-id						
non-null;string EMPLOYEE	string	non-null;string	non-null;string						
ssn	net-id	salary	1						
non-null;9 digit integer	non-null;string	non-null;decimal	J						
NSTRUCTOR									
ned-id	7								
non-null;string	_								
LAB			_						
oom-number	building-abbreviation	name	_						
non-null;integer(1000-9999)	non-null;string	non-null;string							
LECTURER	office-roomnumber	office-building-abbreviation	office-hour	7					
net-id non-null;string	non-null;integer(1000-9999)		non-null;decimal	J					
OFFICE		nun,sumg	non-nun,ucumai						
oom-number	building-abbreviation	1							
non-null;integer(1000-9999)	non-null;string	_							
PEOPLE									
net-id	phone-number	DOB	email	last-name	middle-name	first-name	zip-code	state	city
non-null;string	10 digit integer	date	string	non-null;string	sting	non-null;string	5 digit integer	string	string
PROFESSOR					_				
et-id	rank	office-roomnumber	office-building-abbreviation						
ion-null;string RA	1 of (assistant,associate,full)	non-null;integer(1000-9999)	non-null;string	non-null;decimal					
net-id non-null;string	_								
					_				
workload	prof-net-id	ra-net-id	room-number	building-abbreviation	<u>.</u>				
workload non-null;decimal	prof-net-id non-null;string	ra-net-id non-null;string	room-number non-null;integer(1000-9999)		<u> </u>				
workload non-null;decimal ROOM	non-null;string								
workload non-null;decimal ROOM room-number	non-null;string building-abbreviation				0				
workload non-null;decimal ROOM noom-number non-null;integer(1000-9999)	non-null;string building-abbreviation			non-null;string	0				
workload non-null;decimal ROOM coom-number non-null;integer(1000-9999) SECTION course-number	non-null;string  building-abbreviation non-null;string  section-number	non-null;string	non-null;integer(1000-9999)	non-null;string	capacity		building-abbreviation		<b>-</b>
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999)	non-null;string  building-abbreviation non-null;string  section-number	non-null;string	non-null;integer(1000-9999)	non-null;string		instructor-net-id non-null;string	building-abbreviation non-null;string	room-number non-null;integer(1000-9999)	
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT	non-null;string <u>building-abbreviation</u> non-null;string <u>section-number</u> non-null;integer(0-999)	non-null;string	non-null;integer(1000-9999)	non-null;string	capacity				<b>_</b>
workload non-nuli;decimal ROOM room-number non-nuli;integer(1000-9999) SECTION course-number non-nuli;integer(1000-9999) STUDENT net-id	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name	non-null;string	non-null;integer(1000-9999)	non-null;string	capacity				<b>]</b>
workload  ROOM  ROOM  room-null;integer(1000-9999)  SECTION  COURSE-number  TOON-null;integer(1000-9999)  STUDENT  Thetid  non-null;string	non-null;string <u>building-abbreviation</u> non-null;string <u>section-number</u> non-null;integer(0-999)	non-null;string	non-null;integer(1000-9999)	non-null;string	capacity				<b>]</b>
workload non-nauli;decimal ROOM room-number section SECTION course-number non-number net-id non-number nat-id	non-null;string building-abbreviation non-null;string section-number non-null;integer(0-999) track-name non-null;string	non-null;string	non-null;integer(1000-9999) semester non-null;string	non-null;string	capacity				<b>]</b>
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT net-id non-null;string TA net-id	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name	non-null;string	non-null;integer(1000-9999)	non-null;string	capacity				<b>]</b>
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION COURSE-number Ton-null;integer(1000-9999) STUDENT net:id non-null;string FA Let-id non-null;string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload non-null/decimal NOOM oom-number oom-null/integer(1000-9999) SECTION ourse-number non-null/integer(1000-9999) STUDENT tet-id non-null/istring FA tet-id Tet	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION Course-number Toun-null;integer(1000-9999) STUDENT net-id non-null;string FRACK hadre non-null;string RACK hadre non-null;string RACK hadre non-null;string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload non-null;decimal ROOM ROOM non-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT net-id non-null;string FA net-id non-null;string FRACK name non-null;string FRACK name non-null;string ADVICE	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload  non-null,decimal  NOOM  oom-number  section  ourse-number  ourse-number  non-null,integer(1000-9999)  STUDENT  tet-id  non-null,string  rA  tet-id  non-null,string  rRACK  anme  non-null,string  ADVICE  rof-net-id	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload  non-null;decimal  ROOM  com-number  con-null;integer(1000-9999)  ECTION  course-number  struction  total  tetid  ton-null;string  rA  tetid  ton-null;string  rRACK  tame  ton-null;string  rack  ton-null;string  rack  ton-null;string  rack  ton-null;string  rack  ton-null;string  rack  ton-null;string  ton-null;string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour	non-null;string	capacity				<b>]</b>
workload ion-null/decimal NOOM oom-number oon-null/integer(1000-9999) SECTION ourse-number oon-null/integer(1000-9999) ITUDENT teti-id oon-null/string A teti-id oon-null/string FACK same oon-null/string Oon-null/string Oon-null/string TA teti-id oon-null/string TA teti-id oon-null/string Oon-null/string Oon-null/string Oon-null/string Oon-null/string ECCTION_HAS_TA	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string	non-null;string    year   non-null;4 digit integer	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string	capacity non-null;integer				)
vorkload on-null/decimal OOM pom-number on-null/integer(1000-9999) ECTION ourse-number on-null/integer(1000-9999) TUDENT et-id on-null/string A et-id on-null/string RACK ame on-null/string INDIVICE TOF-net-id on-null/string On-null/string A et-id on-null/string RACK ame on-null/string INDIVICE ECTION_HAS_TA a-net-id	non-null;string  building:abbreviation non-null;string section-number non-null;string track-name non-null;string office-roomnumber non-null;string dept-abbreviation non-null;string student-net-id non-null;string course-number	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				<b>]</b>
vorkload on-null,decimal iOOM pom-number on-null,integer(1000-9999) ECTION ourse-number on-null,integer(1000-9999) TUDENT et-id on-null,string A et-id on-null,string RACK ame on-null,string iOVICE on-null,string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string	capacity non-null;integer				<b>]</b>
vorkload on-null/decimal OOM oom-number oon-null/integer(1000-9999) ECTION ourse-number oon-null/integer(1000-9999) TUDENT eti-id on-null/istring A eti-id on-null/istring RACK on-null/istring NOVICE rof-net-id on-null/istring on-null/istring ECTION HAS TA a-net-id on-null/istring RACK CORE COURSE	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;string	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				<u>,</u>
orokload on-null;decimal OOM  pom-number on-null;integer(1000-9999) ECTION purse-number on-null;integer(1000-9999) TUDENT et.id on-null;string A et-id on-null;string RACK ame on-null;string IDVICE rof-net-id on-null;string ECTIION HAS_TA pent-id on-null;string an-et.id on-null;string ECTIION HAS_TA pent-id on-null;string A extra transport extra tra	non-null;string  building:abbreviation non-null;string section-number non-null;string track-name non-null;string office-roomnumber non-null;string dept-abbreviation non-null;string student-net-id non-null;string course-number	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				<b>]</b>
vorkload on-null/decimal OOM pom-number on-null/integer(1000-9999) ECTION ourse-number on-null/integer(1000-9999) TUDENT et-id on-null/string A et-id on-null/string Non-null/string con-null/string non-null/string non-null/string ECTION HAS_TA a-net-id on-null/string ECTION HAS_TA a-net-id on-null/string RACK_CORE_COURSE rack-name on-null/string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload on-null,decimal NOOM oom-number oon-null,integer(1000-9999) ECTION ourse-number oon-null,istring 'A et-id oon-null,istring 'RACK toon-null,istring oon-null,istring oon-null,istring RACK toon-null,istring oon-null,istring RACK toon-null,istring Tack-name toon-null,istring Tack-name toon-null,istring Tack-name toon-null,istring Tack-name toon-null,istring	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation onon-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				7
workload non-null/string stectiol non-null/string non-null/string stection-null/string stection-null/string structure stection-null/string structure stection-null/string structure st	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload ion-null,decimal NOOM com-number com-null,integer(1000-9999) SECTION course-number con-null,integer(1000-9999) STUDENT tet-id ion-null,istring FA tet-id ion-null,istring FRACK cone-number con-null,istring FRACK ion-null,istring con-null,istring con-nul	non-null;string  building:abbreviation non-null;string  section-number non-null;string  track-name non-null;string  office-roomnumber non-null;string  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				<del>,</del>
workload  Non-null,decimal  NoOM  com-number  con-null,integer(1000-9999)  SECTION  COURSE-number  TODENT  Letid  Non-null,istring  TA  Letid  Non-null,istring  TRACK  Letid  Le	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload non-null,decimal NOOM oom-number oom-null,integer(1000-9999) SECTION ourse-number non-null,integer(1000-9999) STUDENT telt-id non-null,istring rA telt-id non-null,istring rRACK ADVICE orof-net-id non-null,istring secTillon, HAS_TA a-net-id non-null,istring ron-null,istring secTillon, HAS_TA a-net-id non-null,istring son-null,istring strubeNT_PREREQUISITE tudent-net-id non-null,istring	non-null;string  building:abbreviation non-null;string  section-number non-null;string  track-name non-null;string  office-roomnumber non-null;string  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    vear	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				<b>,</b>
RA_WORK_ASSIGNMENT workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT net-id non-null;string TA net-id non-null;string TRACK name non-null;string SECTION_HAS_TA ta-net-id non-null;string TRACK	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;string dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    year	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload non-null;decimal ROOM com-number non-null;integer(1000-9999) SECTION Course-number non-null;integer(1000-9999) STUDENT net-id non-null;string FRACK Name non-null;string FRACK DOOR-null;string FRACK TRACK TRA	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;integer(1000-9999)  dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  net-id non-null;string  building-abbreviation	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload non-null;decimal ROOM com-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT Letid non-null;string FA Letid non-null;string FRACK abovice and con-null;string Abovice con-null;string SECTION HAS_TA Letid non-null;string SECTION HAS_TA Letid non-null;string SECTION HAS_TA Letid non-null;string Non-null;string TRACK Letid non-null;string Non-null;string HIRE Letid HIRE Letid	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;string dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)	non-null;string    year	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				
workload non-null;decimal ROOM room-number non-null;integer(1000-9999) SECTION course-number non-null;integer(1000-9999) STUDENT net-id non-null;string TA net-id non-null;string TRACK ADVICE prof-net-id non-null;string Non-null;string ADVICE secTilon_HAS_TA ta-net-id non-null;string non-null;string TRACK non-null;string SECTION_HAS_TA ta-net-id non-null;string STUDENT_PREREQUISITE student-net-id non-null;string HIRE HIRE HIRE dept-abbreviation non-null;string	non-null;string  building-abbreviation non-null;string  section-number non-null;integer(0-999)  track-name non-null;string  office-roomnumber non-null;string dept-abbreviation non-null;string  student-net-id non-null;string  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  course-number non-null;integer(1000-9999)  net-id non-null;string  building-abbreviation non-null;string	non-null;string	non-null;integer(1000-9999)  semester non-null;string  office-hour non-null;decimal	non-null;string  class-time non-null;decimal	capacity non-null-integer				