

**DEPARTMENT OF COMPUTER SCIENCE AND ENGENEERING**

**COURSE CODE :**CSE 212

**COURSE TITLE :**Database System Lab

**Name of Project:** Programming contest Managing system

**Date of Submission :**29-07-2019

**Submitted to**

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University of Asia Pacific

**Submitted by**

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**Story**

**Managing a Programming contest in a systematic way**

AS a CSE student i also have a dream to participant any reputed programming contest.

My project is about a programming contest managing system based project where all participates are comfortably participate this contest in a systematic way and finally they will be able to find all the information about this contest at a glance.

People will participate this contest as a team. They will select their project type. There will be one Advisor in each team.

There will also be some sponsor in this event. At last prize giving ceremony will also be held in this event and there will be few chef guests in this ceremony.

**ER Diagram**

Moderator

Advisor

**Participants**

**join**

**Team**

Management

**Combination**

**project**

**Main\_Event**

**Help**

**Sponsor**

**Program**

Event name

**Schema Diagram**

**Team**

Team\_id

team\_name

advisor\_id

part\_id

Type

**Sponsor**

sponser\_name

office location

contract \_number

**Advisor**

advisor\_id

advisor\_name

contract\_number

**Event name**

event\_name

guest\_name

arrival\_time

**Main Event**

event\_name

event\_ location

sponser\_name

start\_time

**Participant**

part\_id

part\_name

Semester

**Project**

Type

Price

createdatabase project

use project

createtableevent\_name(

event\_namevarchar(50),

guest\_namevarchar(50),

arrival\_timeint,

constraintpk\_event\_namePrimarykey(event\_name)

);

createtablesponser(

sponser\_namevarchar(50),

office\_locationvarchar(50),

contact\_noint,

constraintpk\_sponser\_namePrimarykey (sponser\_name)

);

createtablemain\_event(

event\_namevarchar(50),

event\_locationvarchar(50),

sponser\_namevarchar(50),

start\_timeint,

constraint pk\_event\_name2 Primarykey (event\_name),

foreignkey (event\_name)referencesevent\_name(event\_name),

foreignkey (sponser\_name)referencessponser(sponser\_name)

);

createtable participant(

part\_idint,

part\_namevarchar(50),

semestervarchar(50),

constraintpk\_part\_idPrimarykey (part\_id)

);

createtable advisor(

advisor\_idint,

advisor\_namevarchar(50),

contract\_novarchar(50)

constraintpk\_advisor\_idPrimarykey (advisor\_id)

);

createtable project(

tyepvarchar(50),

pricevarchar(50)

);

createtable team(

team\_idint,

team\_namevarchar(50),

advisor\_idint,

part\_idint,

tyepvarchar(50),

constraintpk\_team\_idPrimarykey (team\_id),

foreignkey(part\_id)references participant(part\_id),

foreignkey (advisor\_id)references advisor(advisor\_id)

);

select\*fromevent\_name

select\*fromsponser

select\*frommain\_event

select\*from participant

select\*from advisor

select\*from project

select\*from team

insertintoevent\_name

values('IDPC','Shojibwajed joy',9),

('Programming War','Ayub Khan ',10),

('Contest War','Sheikh Hasina',11),

('ICPC','Abdul Hamid Khan',12),

('NCPC','imran bin ajad',1),

('NDPC','Sheikh tonmoy',2),

('Programming juddo','sharuk Khan ',3),

('Contest War uap','Sheikh rehena',4),

('CPC','mr.kaikobad ',9),

('DPC','Tarana Halim',11),

('DVPC','Dr. jaforullah ',12),

('Programming uap','Ayub Khan ',11),

('Contest War uap2','kobir uddin mia',10),

('APC','Sheikh Hasina',12),

('BPC',' nilofar chowdhury',1),

('EPC','modi',5),

('FPC','abulkalam ajad',2),

('GPC','norulhaque ',8),

('HPC','hyn min son ',4),

('IPC','varat sing',9),

('JPC','yuching Honda',3),

('KPC','yuchingjacky ',2),

('LPC','jack jones ',11),

('MPC','randeep hoda',2),

('NPC','williamhervy ',3),

('OPC','keton jenings',2),

('Contest War2','micheal maxweel ',9),

('Contest War3','Tarana nipa',12),

('Contest War uap3','Dr. nilima khan ',9),

('Programming Contest SPring','aminul biswas',10),

('Programming Contest Fall','halimbiswas ',11)

select\*fromevent\_name

insertintosponser

values('Bosondara group','ghaka',8800),

('crown cement','gazipur',1100),

('matador','Banani',5561),

('ambuza Cement','Gabtalia india',1120),

('ispahani','mirjapur',5565),

('star','india delli',1345),

('sony','mumbai',55670),

('windows','america',11007),

('Pran','dhaka',5960),

(' cocola','dhamrai',11300),

('khan group','chuadanga',88001),

('chowdhury group','luxmirpur',55692),

('fresh Cement','munshiging',110032),

('gtv','Banani',556165),

('btv','dhanmondi',541120),

('rfl','manikgong',550965),

('dano group','kolkata india',891345),

('geogle','america',0055670),

('reliance group','mumbai',1100897),

('nokia ','india',594560),

('symphony','dhaka',128800),

('bata shoe','dhaka',551160),

('squre pharma','dhamrai',111100),

('mam pani','uttara',125561),

('center fruit','Gazipur',1234120),

('bangla phone','ghulsan',5523465),

('desh bangla','mirpur',2341345),

('jagobd chanel','mirpur',955670),

('news 24 chanel','kawran bazar',0911007),

('bikroy,com','dhaka',55960),

('JR paribahan','dhaka gabtoli',5596780)

select\*fromsponser

insertintomain\_event

values('IDPC','University of Asia Pacific','Bosondara group ',9),

('Programming War','Daffodil International University','crown cement',10),

('Contest War','american International University','matador',11),

('ICPC','Dhaka University ','ambuza Cement',9),

('NCPC','Sydney International University','ispahani',10),

('NDPC','University of Newzeland','star ',9),

('Programming juddo','Daffodil International University bangladesh','sony',10),

('Contest War uap','University of Asia Pacific','windows ',9),

('CPC','Kustia Islamic University','pran',10),

('DPC','University of Dhenmark','pran ',12),

('DVPC','KhulnaUniversity','khan group',1),

('Programming uap',' University of Asia Pacific','chowdhury group',2)

select\*frommain\_event

insertinto participant

values(17201020,'shafa khan','four'),

(17201021,'anik khan','four'),

(17101020,'hasin','five'),

(17101021,'sakib','1st'),

(18201021,'sifat khan','second'),

(18201020,'shihab jhan','third'),

(16201021,'ahad khan','sixth'),

(16201020,'tasim khan','seven'),

(15201021,'lulu khan','eight'),

(15201020,'anik khan','four'),

(15101020,'hasin','five'),

(15101021,'sakib','1st'),

(19201021,'sifat khan','second'),

(19201020,'shihab jhan','third'),

(19101021,'ahad khan','sixth'),

(19101020,'tasim khan','seven'),

(171,'jack','second'),

(1712,'maxy gerny','eight'),

(17123,'rodrigo','1st'),

(171234,'govinda','seven'),

(1712345,'wu chuhang','third'),

(11,'michel mory','six'),

(112,'harry gerny','five'),

(1123,'pedro','eight'),

(11234,'javed wasim','two'),

(112345,'mialina ','third'),

(1123456,'beyazid','four'),

(11234567,'oliver pope','1st'),

(21,'jerin akther','eight'),

(212,'rnespal roy','1st'),

(2123,'julian robbert','seven'),

(21234,'dilruhan perera','third')

select\*from participant

insertinto advisor

values(01,'imran bin ajad','01923'),

(02,'sakib hasandhrobo ','017345'),

(03,'rajib sir','01843'),

(04,'naima sultana','01123'),

(05,'alok kumar saha','6789'),

(06,'shopon','09675'),

(07,'shammi akter','8974'),

(08,'shila rahman','27834'),

(09,'ayub khan','011234'),

(101,'robert','01123'),

(102,'frankistain ','011345'),

(103,'joe burns','011843'),

(104,'ojit sorkar','011223'),

(105,'ajoy ghosh','06789'),

(106,'luka david','0229675'),

(107,'iftikur rahman','0668974'),

(108,'rustom mia','2237834'),

(109,'cris moris','01001234'),

(201,'pervez chowdhury','0231923'),

(202,' nikhilroy ','01337345'),

(203,'wu chang jam','01234843'),

(204,'nilofar khan','06781123'),

(205,'omar akbar','01126789'),

(206,'Md. nasir khasru','0193675'),

(207,'peter michel','018974'),

(208,'kusal javed perera','01227834'),

(209,'harry maquire','0177234'),

(301,'Mst. tarana nipa','0167923'),

(302,'fernando perez','014567345'),

(303,'thiago mathew','03345843'),

(304,'philipe kane','01435234')

select\*from advisor

insertinto project

values('junior natinal level','20 lakh'),

('juniorinternatinal level(JPC)','2 cr'),

('national level(NCPC)',' 70 lakh'),

('international level(ICPC)','5 cr'),

('inter district level(DPC)',' 5 lakh'),

('inter division level(DVPC)',' 10 lakh'),

('inter college level(CPC)','10 thousands'),

('inter versitylevel(VCPC)',' 2 lakh'),

('gold category(GPC)',' 5 cr'),

('all kind of UAP contest ',' 5 lakh'),

('selver(normal) category(NPC)','1 cr'),

('other all contest','25 lakh')

select\*from project

insertinto team

values(1,'Uap coder',01,17201020,'junior natinal level'),

(2,'safa the boss',02,17201021,'junior internatinal level(JPC)'),

(3,'sustian',03,17101020,'national level(NCPC)'),

(7,'uapian',04,17101021,'international level(ICPC)'),

(4,'kuetian',05,18201021,'inter district level(DPC)'),

(5,'coder7',06,18201020,'inter division level(DVPC)'),

(6,'heavy coder',07,16201021,'inter college level(CPC)'),

(8,'du coder',08,16201020,'inter versity level(VCPC)'),

(9,'junior coder',09,15201021,'gold category(GPC)'),

(10,'all star',101,15201020,'all kind of UAP contest'),

(11,'chapion',102,15101021,'selver(normal) category(NPC)'),

(12,'great coder',103,15101020,'other all contest'),

(13,'team infinity',104,19201021,'international level(ICPC)'),

(014,'long time no ac',105,19201020,'international level(ICPC)'),

(015,'coder79',106,19101020,'international level(ICPC)'),

(016,'loop coder',107,19101021,'inter district level(DPC)'),

(017,'dynamic coder',108,171,'inter district level(DPC)'),

(018,'recursive coder',109,1712,'inter district level(DPC)'),

(019,'jetboi jetbo',201,17123,'inter versity level(VCPC)'),

(020,'shining star',202,171234,'inter versity level(VCPC)'),

(21,'shei rokom coder',203,1712345,'inter versity level(VCPC)'),

(22,'code breakers',204,11,'inter versity level(VCPC)'),

(23,'xenon 42',205,112,'inter versity level(VCPC)'),

(244,'single man',206,1123,'inter college level(CPC)'),

(255,'one man army',207,11234,'gold category(GPC)'),

(26,'talented coder',208,112345,'gold category(GPC)'),

(027,'time complexity best',209,1123456,'gold category(GPC)'),

(028,'avarage case',301,11234567,'inter college level(CPC)'),

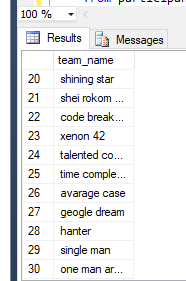
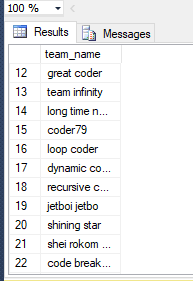
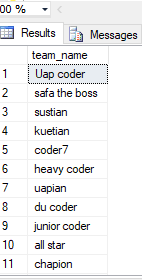
(29,'geogle dream',302,21,'gold category(GPC)'),

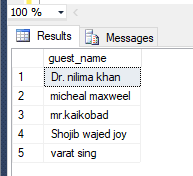
(030,'hanter',303,212,'inter college level(CPC)')

select\*from team

selectteam\_name

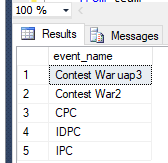
from team



selectguest\_name\_ 

fromevent\_name

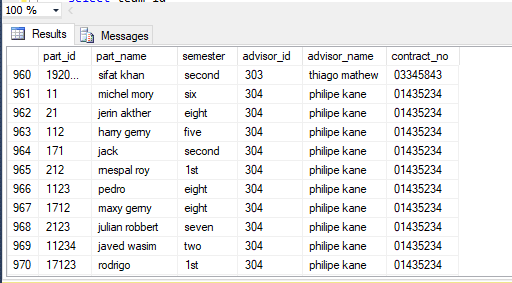
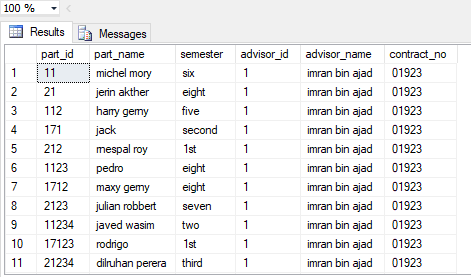
wherearrival\_time= 9

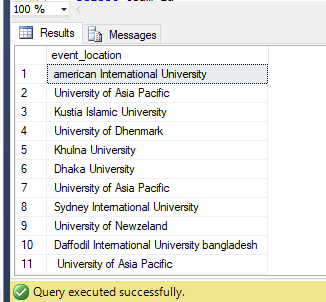
selectevent\_name 

fromevent\_name

wherearrival\_time= 9

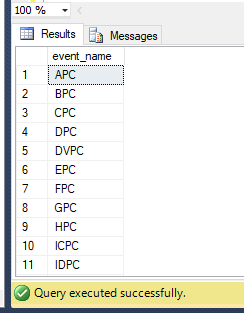
select\*from participant, advisor



selectevent\_location

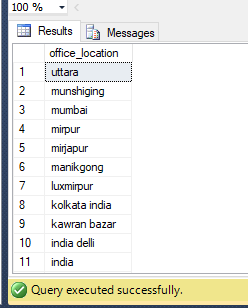
frommain\_event,event\_name

whereevent\_name.event\_name=main\_event.event\_name

selectevent\_name\_

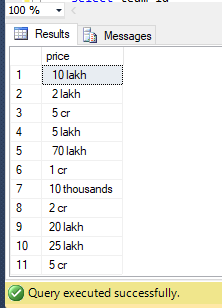
fromevent\_name

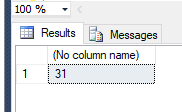
whereevent\_namelike'%PC%'

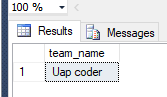
selectdistinctoffice\_location

fromsponser

orderbyoffice\_locationdesc

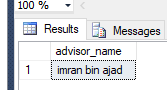
selectdistinct price \_from project 

selectcount(\*)\_from advisor 

selectteam\_name

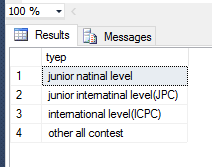
from team

whereadvisor\_id=01

selectadvisor\_name

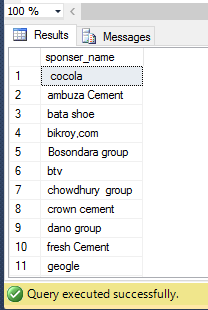
from advisor

whereadvisor\_id=01

selecttype 

from project

where price >'1o lakh'

select sponser\_name 

from sponser

wherecontact\_no between 1100 and 1100897