create table source

(src varchar2(20) primary key

);

==================================================

insert all

into source (src) values ('1')

into source (src) values ('2')

into source (src) values ('3')

into source (src) values ('4')

into source (src) values ('5')

into source (src) values ('6')

into source (src) values ('7')

into source (src) values ('8')

into source (src) values ('9')

into source (src) values ('10')

into source (src) values ('11')

into source (src) values ('12')

into source (src) values ('13')

into source (src) values ('14')

into source (src) values ('15')

into source (src) values ('16')

into source (src) values ('17')

into source (src) values ('18')

into source (src) values ('19')

into source (src) values ('20')

into source (src) values ('21')

into source (src) values ('22')

into source (src) values ('23')

into source (src) values ('24')

into source (src) values ('25')

into source (src) values ('26')

into source (src) values ('27')

into source (src) values ('28')

into source (src) values ('29')

into source (src) values ('30')

select \* from dual

=====================================================================================

create table map

( src varchar2(20) references source,

src\_name varchar2(20)

);

=====================================================================================

insert all

into map (src,src\_name) values ('1','Pune Station')

into map (src,src\_name) values ('2','Sancheti Hospital')

into map (src,src\_name) values ('3','Shivajinagar')

into map (src,src\_name) values ('4','Manapa')

into map (src,src\_name) values ('5','Shaniwarwada')

into map (src,src\_name) values ('6','Swargate')

into map (src,src\_name) values ('7','Hirabaug Bus stop')

into map (src,src\_name) values ('8','Bharati Vidyapith')

into map (src,src\_name) values ('9','Sarasbaug')

into map (src,src\_name) values ('10','Katraj')

into map (src,src\_name) values ('11','Balgandharva')

into map (src,src\_name) values ('12','Crompton Greaves')

into map (src,src\_name) values ('13','Aundh')

into map (src,src\_name) values ('14','FC')

into map (src,src\_name) values ('15','Garware Chowk')

into map (src,src\_name) values ('16','Dandekar Bridge')

into map (src,src\_name) values ('17','Nal Stop')

into map (src,src\_name) values ('18','Mhatre Bridge')

into map (src,src\_name) values ('19','Karnataka Highschool')

into map (src,src\_name) values ('20','Tathawade Udyan')

into map (src,src\_name) values ('21','Rajaram Bridge')

into map (src,src\_name) values ('22','Tukainagar')

into map (src,src\_name) values ('23','Kothrud Depot')

into map (src,src\_name) values ('24','Karve Putla')

into map (src,src\_name) values ('25','Kothrud Stand')

into map (src,src\_name) values ('26','Karvenagar')

into map (src,src\_name) values ('27','Meenakshipuram')

into map (src,src\_name) values ('28','Sinhgad College')

into map (src,src\_name) values ('29','Vadgaon (Bk.)')

into map (src,src\_name) values ('30','Anandnagar')

select \* from dual

=====================================================================================

create table flat\_graph

(

src varchar2(20) references source,

dest varchar2(20),

wt float,

fragid number

);

=====================================================================================

insert all

into flat\_graph values ('1','2','3.3',1)

into flat\_graph values ('1','4','2.6',1)

into flat\_graph values ('1','6','7',2)

into flat\_graph values ('2','1','3.3',1)

into flat\_graph values ('2','3','0.65',1)

into flat\_graph values ('3','2','0.65',1)

into flat\_graph values ('3','4','2.0',1)

into flat\_graph values ('4','1','2.6',1)

into flat\_graph values ('4','5','0.75',1)

into flat\_graph values ('4','3','2.0',1)

into flat\_graph values ('4','11','0.75',1)

into flat\_graph values ('5','4','0.75',1)

into flat\_graph values ('5','7','2.4',2)

into flat\_graph values ('6','8','5',2)

into flat\_graph values ('6','9','0.6',2)

into flat\_graph values ('7','9','0.95',2)

into flat\_graph values ('7','5','2.4',2)

into flat\_graph values ('7','6','0.6',2)

into flat\_graph values ('8','6','5',2)

into flat\_graph values ('8','10','2',2)

into flat\_graph values ('9','16','1.2',2)

into flat\_graph values ('9','7','0.95',2)

into flat\_graph values ('10','28','8',4)

into flat\_graph values ('10','8','2',2)

into flat\_graph values ('11','4','0.75',1)

into flat\_graph values ('11','15','1.1',1)

into flat\_graph values ('12','13','3',1)

into flat\_graph values ('12','3','0.3',1)

into flat\_graph values ('13','12','3',1)

into flat\_graph values ('14','12','1',1)

into flat\_graph values ('15','14','1.3',1)

into flat\_graph values ('15','17','1.5',1)

into flat\_graph values ('15','16','2.1',2)

into flat\_graph values ('16','9','1.2',2)

into flat\_graph values ('16','15','2.1',2)

into flat\_graph values ('16','18','1.3',2)

into flat\_graph values ('16','21','2.6',2)

into flat\_graph values ('17','15','1.5',3)

into flat\_graph values ('17','18','0.8',3)

into flat\_graph values ('17','19','1.1',3)

into flat\_graph values ('17','24','2.1',3)

into flat\_graph values ('18','16','1.3',2)

into flat\_graph values ('18','17','0.8',3)

into flat\_graph values ('18','20','2.3',3)

into flat\_graph values ('18','21','2.6',4)

into flat\_graph values ('19','17','1.1',3)

into flat\_graph values ('19','20','1.4',3)

into flat\_graph values ('19','24','2.1',3)

into flat\_graph values ('20','18','2.3',4)

into flat\_graph values ('20','21','0.8',3)

into flat\_graph values ('20','19','1.4',3)

into flat\_graph values ('20','26','2',3)

into flat\_graph values ('21','16','2.6',2)

into flat\_graph values ('21','18','2.6',3)

into flat\_graph values ('21','20','0.8',4)

into flat\_graph values ('21','22','2.7',4)

into flat\_graph values ('21','30','1.6',4)

into flat\_graph values ('22','21','2.7',4)

into flat\_graph values ('22','27','1.5',4)

into flat\_graph values ('23','24','4',3)

into flat\_graph values ('23','25','3',3)

into flat\_graph values ('24','17','2.1',3)

into flat\_graph values ('24','19','2.1',3)

into flat\_graph values ('24','23','4',3)

into flat\_graph values ('24','25','0.7',3)

into flat\_graph values ('25','23','3',3)

into flat\_graph values ('25','24','0.7',3)

into flat\_graph values ('25','26','7',3)

into flat\_graph values ('26','20','2',3)

into flat\_graph values ('26','25','7',3)

into flat\_graph values ('27','22','1.5',4)

into flat\_graph values ('27','28','0.75',4)

into flat\_graph values ('27','29','0.35',4)

into flat\_graph values ('28','10','8',4)

into flat\_graph values ('28','27','0.75',4)

into flat\_graph values ('28','29','0.4',4)

into flat\_graph values ('29','27','0.35',4)

into flat\_graph values ('29','28','0.4',4)

into flat\_graph values ('29','30','3.2',4)

into flat\_graph values ('30','21','1.6',4)

into flat\_graph values ('30','29','3.2',4)

select \* from dual

=====================================================================================

create table frag

(fragid number,

src varchar2(20) references source,

dest varchar2(20),

hop varchar2(20),

wt float,

bor number

);

=====================================================================================

insert all

into frag values (1,'1','2','999','999','0')

into frag values (1,'1','4','999','999','0')

into frag values (1,'1','5','999','999','0')

into frag values (1,’1','3','999','999','0')

into frag values (1,’1','11','999','999','0')

into frag values (1,’1','15','999','999','0')

into frag values (1,’1','17','999','999','0')

into frag values (1,’1','14','999','999','0')

into frag values (1,’1','12','999','999','0')

into frag values (1,’1','13','999','999','0')

into frag values (1,’2','1','999','999','0')

into frag values (1,’2','4','999','999','0')

into frag values (1,’2','5','999','999','0')

into frag values (1,’2','3','999','999','0')

into frag values (1,’2','11','999','999','0')

into frag values (1,’2','15','999','999','0')

into frag values (1,’2','17','999','999','0')

into frag values (1,’2','14','999','999','0')

into frag values (1,’2','12','999','999','0')

into frag values (1,’2','13','999','999','0')

into frag values (1,’3','1','999','999','0')

into frag values (1,’3','2','999','999','0')

into frag values (1,’3','4','999','999','0')

into frag values (1,’3','5','999','999','0')

into frag values (1,’3','11','999','999','0')

into frag values (1,’3','12','999','999','0')

into frag values (1,’3','14','999','999','0')

into frag values (1,’3','15','999','999','0')

into frag values (1,’3','13','999','999','0')

into frag values (1,’3','17','999','999','0')

into frag values (1,’4','1','999','999','0')

into frag values (1,’4','2','999','999','0')

into frag values (1,’4','3','999','999','0')

into frag values (1,’4','5','999','999','0')

into frag values (1,’4','11','999','999','0')

into frag values (1,’4','12','999','999','0')

into frag values (1,’4','14','999','999','0')

into frag values (1,’4','15','999','999','0')

into frag values (1,’4','13','999','999','0')

into frag values (1,’4','17','999','999','0')

into frag values (1,’5','1','999','999','0')

into frag values (1,’5','2','999','999','0')

into frag values (1,’5','3','999','999','0')

into frag values (1,’5','4','999','999','0')

into frag values (1,’5','11','999','999','0')

into frag values (1,’5','12','999','999','0')

into frag values (1,’5','14','999','999','0')

into frag values (1,’5','15','999','999','0')

into frag values (1,’5','13','999','999','0')

into frag values (1,’5','17','999','999','0')

into frag values (1,’11','1','999','999','0')

into frag values (1,’11','2','999','999','0')

into frag values (1,’11','3','999','999','0')

into frag values (1,’11','4','999','999','0')

into frag values (1,’11','5','999','999','0')

into frag values (1,’11','12','999','999','0')

into frag values (1,’11','14','999','999','0')

into frag values (1,’11','15','999','999','0')

into frag values (1,’11','13','999','999','0')

into frag values (1,’11','17','999','999','0')

into frag values (1,’15','1','999','999','0')

into frag values (1,’15','2','999','999','0')

into frag values (1,’15','3','999','999','0')

into frag values (1,’15','4','999','999','0')

into frag values (1,’15','5','999','999','0')

into frag values (1,’15','11','999','999','0')

into frag values (1,’15','12','999','999','0')

into frag values (1,’15','13','999','999','0')

into frag values (1,’15','14','999','999','0')

into frag values (1,’15','17','999','999','0')

into frag values (1,’14','1','999','999','0')

into frag values (1,’14','2','999','999','0')

into frag values (1,’14','3','999','999','0')

into frag values (1,’14','4','999','999','0')

into frag values (1,’14','5','999','999','0')

into frag values (1,’14','11','999','999','0')

into frag values (1,’14','12','999','999','0')

into frag values (1,’14','13','999','999','0')

into frag values (1,’14','15','999','999','0')

into frag values (1,’14','17','999','999','0')

into frag values (1,’12','1','999','999','0')

into frag values (1,’12','2','999','999','0')

into frag values (1,’12','3','999','999','0')

into frag values (1,’12','4','999','999','0')

into frag values (1,’12','5','999','999','0')

into frag values (1,’12','11','999','999','0')

into frag values (1,’12','13','999','999','0')

into frag values (1,’12','14','999','999','0')

into frag values (1,’12','15','999','999','0')

into frag values (1,’12','17','999','999','0')

into frag values (1,’13','1','999','999','0')

into frag values (1,’13','2','999','999','0')

into frag values (1,’13','3','999','999','0')

into frag values (1,’13','4','999','999','0')

into frag values (1,’13','5','999','999','0')

into frag values (1,’13','11','999','999','0')

into frag values (1,’13','12','999','999','0')

into frag values (1,’13','14','999','999','0')

into frag values (1,’13','15','999','999','0')

into frag values (1,’13','17','999','999','0')

into frag values (1,’17','1','999','999','0')

into frag values (1,’17','2','999','999','0')

into frag values (1,’17','3','999','999','0')

into frag values (1,’17','4','999','999','0')

into frag values (1,’17','5','999','999','0')

into frag values (1,’17','11','999','999','0')

into frag values (1,’17','13','999','999','0')

into frag values (1,’17','14','999','999','0')

into frag values (1,’17','15','999','999','0')

into frag values (1,’17','12','999','999','0')

fragment 2

into frag values (2,’1','6','999','999','0')

into frag values (2,’1','8','999','999','0')

into frag values (2,’1','10','999','999','0')

into frag values (2,’1','5','999','999','0')

into frag values (2,’1','7','999','999','0')

into frag values (2,’1','9','999','999','0')

into frag values (2,’1','15','999','999','0')

into frag values (2,’1','16','999','999','0')

into frag values (2,’1','18','999','999','0')

into frag values (2,’1','21','999','999','0')

into frag values (2,’5','1','999','999','0')

into frag values (2,’5','6','999','999','0')

into frag values (2,’5','8','999','999','0')

into frag values (2,’5','10','999','999','0')

into frag values (2,’5','7','999','999','0')

into frag values (2,’5','9','999','999','0')

into frag values (2,’5','15','999','999','0')

into frag values (2,’5','16','999','999','0')

into frag values (2,’5','18','999','999','0')

into frag values (2,’5','21','999','999','0')

into frag values (2,’6','1','999','999','0')

into frag values (2,’6','8','999','999','0')

into frag values (2,’6','10','999','999','0')

into frag values (2,’6','5','999','999','0')

into frag values (2,’6','7','999','999','0')

into frag values (2,’6','9','999','999','0')

into frag values (2,’6','15','999','999','0')

into frag values (2,’6','16','999','999','0')

into frag values (2,’6','18','999','999','0')

into frag values (2,’6','21','999','999','0')

into frag values (2,’7','1','999','999','0')

into frag values (2,’7','6','999','999','0')

into frag values (2,’7','8','999','999','0')

into frag values (2,’7','10','999','999','0')

into frag values (2,’7','5','999','999','0')

into frag values (2,’7','9','999','999','0')

into frag values (2,’7','15','999','999','0')

into frag values (2,’7','16','999','999','0')

into frag values (2,’7','18','999','999','0')

into frag values (2,’7','21','999','999','0')

into frag values (2,’8','1','999','999','0')

into frag values (2,’8','6','999','999','0')

into frag values (2,’8','10','999','999','0')

into frag values (2,’8','5','999','999','0')

into frag values (2,’8','7','999','999','0')

into frag values (2,’8','9','999','999','0')

into frag values (2,’8','15','999','999','0')

into frag values (2,’8','16','999','999','0')

into frag values (2,’8','18','999','999','0')

into frag values (2,’8','21','999','999','0')

into frag values (2,’9','1','999','999','0')

into frag values (2,’9','6','999','999','0')

into frag values (2,’9','8','999','999','0')

into frag values (2,’9','10','999','999','0')

into frag values (2,’9','5','999','999','0')

into frag values (2,’9','7','999','999','0')

into frag values (2,’9','15','999','999','0')

into frag values (2,’9','16','999','999','0')

into frag values (2,’9','18','999','999','0')

into frag values (2,’9','21','999','999','0')

into frag values (2,’10','1','999','999','0')

into frag values (2,’10','6','999','999','0')

into frag values (2,’10','8','999','999','0')

into frag values (2,’10','5','999','999','0')

into frag values (2,’10','7','999','999','0')

into frag values (2,’10','9','999','999','0')

into frag values (2,’10','15','999','999','0')

into frag values (2,’10','16','999','999','0')

into frag values (2,’10','18','999','999','0')

into frag values (2,’10','21','999','999','0')

into frag values (2,’18','1','999','999','0')

into frag values (2,’18','6','999','999','0')

into frag values (2,’18','8','999','999','0')

into frag values (2,’18','5','999','999','0')

into frag values (2,’18','10','999','999','0')

into frag values (2,’18','7','999','999','0')

into frag values (2,’18','9','999','999','0')

into frag values (2,’18','15','999','999','0')

into frag values (2,’18','16','999','999','0')

into frag values (2,’18','21','999','999','0')

into frag values (2,’15','1','999','999','0')

into frag values (2,’15','6','999','999','0')

into frag values (2,’15','8','999','999','0')

into frag values (2,’15','5','999','999','0')

into frag values (2,’15','7','999','999','0')

into frag values (2,’15','9','999','999','0')

into frag values (2,’15','10','999','999','0')

into frag values (2,’15','16','999','999','0')

into frag values (2,’15','18','999','999','0')

into frag values (2,’15','21','999','999','0')

into frag values (2,’21','1','999','999','0')

into frag values (2,’21','6','999','999','0')

into frag values (2,’21','8','999','999','0')

into frag values (2,’21','5','999','999','0')

into frag values (2,’21','7','999','999','0')

into frag values (2,’21','9','999','999','0')

into frag values (2,’21','10','999','999','0')

into frag values (2,’21','15','999','999','0')

into frag values (2,’21','16','999','999','0')

into frag values (2,’21','18','999','999','0')

into frag values (2,’16','1','999','999','0')

into frag values (2,’16','6','999','999','0')

into frag values (2,’16','9','999','999','0')

into frag values (2,’16','8','999','999','0')

into frag values (2,’16','5','999','999','0')

into frag values (2,’16','7','999','999','0')

into frag values (2,’16','10','999','999','0')

into frag values (2,’16','15','999','999','0')

into frag values (2,’16','18','999','999','0')

into frag values (2,’16','21','999','999','0')

fragment 3

into frag values (3,’15','17','999','999','0')

into frag values (3,’15','18','999','999','0')

into frag values (3,’15','19','999','999','0')

into frag values (3,’15','24','999','999','0')

into frag values (3,’15','20','999','999','0')

into frag values (3,’15','21','999','999','0')

into frag values (3,’15','23','999','999','0')

into frag values (3,’15','25','999','999','0')

into frag values (3,’15','26','999','999','0')

into frag values (3,’17','15','999','999','0')

into frag values (3,’17','18','999','999','0')

into frag values (3,’17','19','999','999','0')

into frag values (3,’17','24','999','999','0')

into frag values (3,’17','20','999','999','0')

into frag values (3,’17','21','999','999','0')

into frag values (3,’17','23','999','999','0')

into frag values (3,’17','25','999','999','0')

into frag values (3,’17','26','999','999','0')

into frag values (3,’23','15','999','999','0')

into frag values (3,’23','18','999','999','0')

into frag values (3,’23','19','999','999','0')

into frag values (3,’23','24','999','999','0')

into frag values (3,’23','20','999','999','0')

into frag values (3,’23','21','999','999','0')

into frag values (3,’23','25','999','999','0')

into frag values (3,’23','26','999','999','0')

into frag values (3,’23','17','999','999','0')

into frag values (3,’25','15','999','999','0')

into frag values (3,’25','18','999','999','0')

into frag values (3,’25','19','999','999','0')

into frag values (3,’25','24','999','999','0')

into frag values (3,’25','20','999','999','0')

into frag values (3,’25','21','999','999','0')

into frag values (3,’25','23','999','999','0')

into frag values (3,’25','17','999','999','0')

into frag values (3,’25','26','999','999','0')

into frag values (3,’20','15','999','999','0')

into frag values (3,’20','17','999','999','0')

into frag values (3,’20','18','999','999','0')

into frag values (3,’20','19','999','999','0')

into frag values (3,’20','21','999','999','0')

into frag values (3,’20','23','999','999','0')

into frag values (3,’20','24','999','999','0')

into frag values (3,’20','25','999','999','0')

into frag values (3,’20','26','999','999','0')

into frag values (3,’21','15','999','999','0')

into frag values (3,’21','17','999','999','0')

into frag values (3,’21','18','999','999','0')

into frag values (3,’21','19','999','999','0')

into frag values (3,’21','20','999','999','0')

into frag values (3,’21','23','999','999','0')

into frag values (3,’21','24','999','999','0')

into frag values (3,’21','25','999','999','0')

into frag values (3,’21','26','999','999','0')

into frag values (3,’26','25','999','999','0')

into frag values (3,’26','20','999','999','0')

into frag values (3,’26','21','999','999','0')

into frag values (3,’26','18','999','999','0')

into frag values (3,’26','17','999','999','0')

into frag values (3,’26','24','999','999','0')

into frag values (3,’26','23','999','999','0')

into frag values (3,’26','15','999','999','0')

into frag values (3,’26','19','999','999','0')

into frag values (3,’24','23','999','999','0')

into frag values (3,’24','25','999','999','0')

into frag values (3,’24','19','999','999','0')

into frag values (3,’24','17','999','999','0')

into frag values (3,’24','15','999','999','0')

into frag values (3,’24','26','999','999','0')

into frag values (3,’24','18','999','999','0')

into frag values (3,’24','20','999','999','0')

into frag values (3,’24','21','999','999','0')

into frag values (3,’19','20','999','999','0')

into frag values (3,’19','17','999','999','0')

into frag values (3,’19','24','999','999','0')

into frag values (3,’19','15','999','999','0')

into frag values (3,’19','21','999','999','0')

into frag values (3,’19','18','999','999','0')

into frag values (3,’19','23','999','999','0')

into frag values (3,’19','25','999','999','0')

into frag values (3,’19','26','999','999','0')

into frag values (3,’18','15','999','999','0')

into frag values (3,’18','17','999','999','0')

into frag values (3,’18','19','999','999','0')

into frag values (3,’18','20','999','999','0')

into frag values (3,’18','21','999','999','0')

into frag values (3,’18','23','999','999','0')

into frag values (3,’18','24','999','999','0')

into frag values (3,’18','25','999','999','0')

into frag values (3,’18','26','999','999','0')

fragment 4

into frag values (4,’18','20','999','999','0')

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select \* from dual