

# Election Management System

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TA\ Dalia Elalfy

Team ID \ 47

Name	ID	Department
سهيلة اشرف عبدالله القويضى	20191700304	SC
بسمة منير محمد محمود	20191700184	SC
ياسمين احمد سعيد عبدالله	20191700750	SC
اسراء فؤاد السيد احمد	20191700101	CS
سندس محمد محمود محمد	20191700302	SC
عائشة احمد عبد الحكيم الشموتى	20191700329	SC
سارة محمد عبد العال محمد	20191700852	CSys

```
create table Candidates(  
    Candidate_Symbol number(10) primary key,  
    Candidate_Name varchar2(50),  
    Candidate_Age number(2)check (Candidate_Age >29)  
);  
  
create sequence Candidate_Symbol  
    start with 1  
    increment by 1  
    maxvalue 30;  
  
select * from Candidates ;  
  
insert into Candidates values (Candidate_Symbol.nextval,'Abdullah',30);  
insert into Candidates values (Candidate_Symbol.nextval,'Ahamad',35);  
insert into Candidates values (Candidate_Symbol.nextval,'Ali',31);  
insert into Candidates values (Candidate_Symbol.nextval,'Fahad',32);  
insert into Candidates values (Candidate_Symbol.nextval,'Khaled',37);  
insert into Candidates values (Candidate_Symbol.nextval,'Majed',35);  
insert into Candidates values (Candidate_Symbol.nextval,'Osama',40);  
insert into Candidates values (Candidate_Symbol.nextval,'Anas',35);  
insert into Candidates values (Candidate_Symbol.nextval,'Samy',36);  
insert into Candidates values (Candidate_Symbol.nextval,'Saleh',35);  
insert into Candidates values (Candidate_Symbol.nextval,'Basm',30);  
insert into Candidates values (Candidate_Symbol.nextval,'Ibrahim',35);
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create table Voters(
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voter_id number(20) primary key,
Name_Voter varchar2(50),
Age_Voter number(2) check(Age_Voter >17),
Gender_Voter varchar2(7),
VoteForSymbol number(10) REFERENCES candidates (Candidate_Symbol)
);

create sequence voter_id
    start with 1
    increment by 1
    maxvalue 3000;

select * FROM Voters;

insert into Voters values (voter_id.nextval,'sara',20,'Female',3);
insert into Voters values (voter_id.nextval,'sara',22,'Female',2);
insert into Voters values (voter_id.nextval,'sara',22,'Female',3);
insert into Voters values (voter_id.nextval,'sara',20,'Female',3);
insert into Voters values (voter_id.nextval,'mariam',20,'Female',4);
insert into Voters values (voter_id.nextval,'mariam',20,'Female',5);
insert into Voters values (voter_id.nextval,'aisha',20,'Female',5);
insert into Voters values (voter_id.nextval,'aisha',20,'Female',5);
insert into Voters values (voter_id.nextval,'aisha',20,'Female',6);
insert into Voters values (voter_id.nextval,'aisha',20,'Female',7);
insert into Voters values (voter_id.nextval,'esraa',20,'Female',8);
insert into Voters values (voter_id.nextval,'basma',20,'Female',9);
insert into Voters values (voter_id.nextval,'esraa',20,'Female',7);
insert into Voters values (voter_id.nextval,'sondos',20,'Female',4);
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insert into Voters values (voter_id.nextval,'sondos',20,'Female',8);
insert into Voters values (voter_id.nextval,'sondos',20,'Female',9);
insert into Voters values (voter_id.nextval,'yasmeen',20,'Female',10);
insert into Voters values (voter_id.nextval,'yasmeen',20,'Female',11);
insert into Voters values (voter_id.nextval,'yasmeen',20,'Female',8);
insert into Voters values (voter_id.nextval,'yasmeen',20,'Female',6);
insert into Voters values (voter_id.nextval,'sohila',20,'Female',6);
insert into Voters values (voter_id.nextval,'sohila',20,'Female',12);
insert into Voters values (voter_id.nextval,'sohila',20,'Female',3);
insert into Voters values (voter_id.nextval,'sohila',20,'Female',6);
create or replace PROCEDURE DISPLAY_CANDIDATE (CID out sys_refcursor)
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AS

BEGIN

open CID for

select cs.CANDIDATE\_SYMBOL

from CANDIDATES cs ;

END;

create or replace PROCEDURE SYMBOL\_NUM (res out number)

AS

BEGIN

select count(candidate\_symbol)

into res

from candidates;

END SYMBOL\_NUM;