SET SEARCH\_PATH TO "Project\_Parliament";

CREATE or REPLACE FUNCTION INFO\_MP(pdno char varying)

RETURNS integer AS $BODY$

DECLARE

r record;

r1 record;

r2 record;

nos\_of\_seats int4;

max\_of\_seats int4 := 0;

BEGIN

FOR r IN SELECT \* FROM party

LOOP

nos\_of\_seats := 0;

FOR r1 IN SELECT \* FROM "Member" WHERE ("Member".TERM\_ID = pdno and "Member".party\_id = r.party\_id)

LOOP

nos\_of\_seats := nos\_of\_seats + 1;

END LOOP;

raise notice 'Name: %', r.party\_name;

raise notice 'Nos\_of\_Seats: %',nos\_of\_seats;

IF max\_of\_seats < nos\_of\_seats THEN

max\_of\_seats := nos\_of\_seats;

r2 := r;

END IF;

nos\_of\_seats := 0;

END LOOP;

raise notice 'Most Probale Party to form a Government is %', r2.party\_name;

RETURN 1;

END;

$BODY$ LANGUAGE plpgsql;

SELECT \* FROM INFO\_MP('17');

SET SEARCH\_PATH TO "Project\_Parliament";

CREATE or REPLACE FUNCTION NOS\_OF\_TIMES\_WON(MP\_ID character varying)

RETURNS integer AS $BODY$

DECLARE

r record;

Nam character varying;

nos\_of\_times int4 := 0;

BEGIN

FOR r IN SELECT \* FROM "Member"

LOOP

IF r.member\_id = MP\_ID THEN

nos\_of\_times := nos\_of\_times + 1;

END IF;

END LOOP;

IF nos\_of\_times != 0 THEN

raise notice 'HAS WON % TIME(S)',nos\_of\_times;

ELSE

raise notice 'HE HAS NOT BEEN ELECTED';

END IF;

RETURN 1;

END;

$BODY$ LANGUAGE plpgsql;

SELECT \* FROM NOS\_OF\_TIMES\_WON('T171002');