

Автоинкремент

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Старый способ

```
CREATE TABLE departments (  
  ID          NUMBER(10)    NOT NULL,  
  DESCRIPTION VARCHAR2(50)  NOT NULL);  
  
ALTER TABLE departments ADD (  
  CONSTRAINT dept_pk PRIMARY KEY (ID));  
  
CREATE SEQUENCE dept_seq START WITH 1;  
  
CREATE OR REPLACE TRIGGER dept_bir  
BEFORE INSERT ON departments  
FOR EACH ROW  
  
BEGIN  
  SELECT dept_seq.NEXTVAL  
  INTO   :new.id  
  FROM   dual;  
END;  
  
insert into departments(DESCRIPTION) values('привет');  
  
select * from departments  
  
truncate table departments;  
alter sequence dept_seq restart start with 1;
```

Новый способ

```
CREATE TABLE FIPR_MASTER (  
  FIPR_Id    INT GENERATED ALWAYS  
  AS IDENTITY  
  (START WITH 1  
   INCREMENT BY 1  
   MINVALUE 100  
   NOMAXVALUE  
   NOCYCLE  
   ORDER) PRIMARY KEY,  
  NAME VARCHAR(40) NOT NULL,  
  last_NAME VARCHAR(40) NOT NULL
```

```
);  
  
insert into FIPR_MASTER(NAME, last_NAME) values('Гайк', 'Инанц');  
  
truncate table FIPR_MASTER;  
  
select * from FIPR_MASTER;
```