CREATE TABLE igrac(

id NVARCHAR2(6),

ime NVARCHAR2(255) NOT NULL,

prezime NVARCHAR2(255) NOT NULL,

pol NVARCHAR2(1) NOT NULL,

nadimak NVARCHAR2(255) NOT NULL,

lozinka NVARCHAR2(255) NOT NULL,

uzrast INTEGER NOT NULL,

naziv\_tima NVARCHAR2(255),

id\_lika NVARCHAR2(6),

CHECK(LENGTH(id)=6)

);

CREATE UNIQUE INDEX igrac\_pk ON igrac(id);

ALTER TABLE igrac ADD CONSTRAINT igrac\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE igrac\_id\_seq MINVALUE 100000 MAXVALUE 999999 INCREMENT BY 1 START WITH 100000 CACHE 20 ORDER NOCYCLE;

CREATE TABLE sesija(

id NVARCHAR2(255),

vreme\_povezivanja DATE NOT NULL,

duzina\_sesije FLOAT NOT NULL,

zaradjeno\_zlato INTEGER NOT NULL,

zaradjeni\_xp INTEGER NOT NULL

);

CREATE UNIQUE INDEX sesija\_pk ON sesija(id);

ALTER TABLE sesija ADD CONSTRAINT sesija\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE sesija\_id\_seq MINVALUE 1 MAXVALUE 999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 ORDER NOCYCLE;

CREATE TABLE lik(

id NVARCHAR2(6),

kolicina\_zlata INTEGER NOT NULL,

iskustvo INTEGER NOT NULL,

stepen\_zamora INTEGER NOT NULL,

nivo\_zdravlja INTEGER NOT NULL,

tip\_rase NVARCHAR2(255) NOT NULL,

atribut\_rase NVARCHAR2(255),

tip\_klase NVARCHAR2(255) NOT NULL,

atribut\_klase NVARCHAR2(255),

CHECK(LENGTH(id)=6)

);

CREATE UNIQUE INDEX lik\_pk ON lik(id);

ALTER TABLE lik ADD CONSTRAINT lik\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE lik\_id\_seq MINVALUE 100000 MAXVALUE 999999 INCREMENT BY 1 START WITH 100000 CACHE 20 ORDER NOCYCLE;

ALTER TABLE igrac ADD CONSTRAINT fk\_igrac\_lik FOREIGN KEY(id\_lika) REFERENCES lik(id);

ALTER TABLE lik ADD CONSTRAINT lik\_rasa\_chk CHECK (tip\_rase IN ('covek','patuljak','ork','demon','vilenjak')) ENABLE;

ALTER TABLE lik ADD CONSTRAINT lik\_klasa\_chk CHECK (tip\_klase IN ('lopov','borac','oklopnik','carobnjak','svestenik','strelac')) ENABLE;

CREATE TABLE tim(

naziv NVARCHAR2(255),

plasman INTEGER NOT NULL,

bonus\_poeni INTEGER NOT NULL,

max\_igraci INTEGER NOT NULL,

min\_igraci INTEGER NOT NULL

);

CREATE UNIQUE INDEX tim\_pk ON tim(naziv);

ALTER TABLE tim ADD CONSTRAINT tim\_pk PRIMARY KEY(naziv) ENABLE;

CREATE TABLE predmet(

naziv NVARCHAR2(255),

opis NVARCHAR2(255) NOT NULL,

nadimci\_likova NVARCHAR2(255),

bonus\_iskustvo INTEGER NOT NULL,

rase NVARCHAR2(255)

);

CREATE UNIQUE INDEX predmet\_pk ON predmet(naziv);

ALTER TABLE predmet ADD CONSTRAINT predmet\_pk PRIMARY KEY(naziv) ENABLE;

CREATE TABLE proizvod(

naziv NVARCHAR2(255),

opis NVARCHAR2(255) NOT NULL,

klase NVARCHAR2(255),

rase NVARCHAR2(255),

odbrambeni\_poeni NUMBER(4,1) NOT NULL,

napadacki\_poeni NUMBER(4,1) NOT NULL

);

CREATE UNIQUE INDEX proizvod\_pk ON proizvod(naziv);

ALTER TABLE proizvod ADD CONSTRAINT proizvod\_pk PRIMARY KEY(naziv) ENABLE;

CREATE TABLE pomocnik(

id NVARCHAR2(9),

ime NVARCHAR2(255) NOT NULL,

rasa NVARCHAR2(255) NOT NULL,

klasa NVARCHAR2(255) NOT NULL,

bonus\_zastita NUMBER(4,1) NOT NULL,

id\_igraca NVARCHAR2(6) NOT NULL,

CHECK(LENGTH(id)=9)

);

CREATE UNIQUE INDEX pomocnik\_pk ON pomocnik(id);

ALTER TABLE pomocnik ADD CONSTRAINT pomocnik\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE pomocnik\_id\_seq MINVALUE 100000000 MAXVALUE 999999999 INCREMENT BY 1 START WITH 100000000 CACHE 20 ORDER NOCYCLE;

ALTER TABLE pomocnik ADD CONSTRAINT fk\_pomocnik\_igrac FOREIGN KEY(id\_igraca) REFERENCES igrac(id);

ALTER TABLE pomocnik ADD CONSTRAINT pomocnik\_rasa\_chk CHECK (rasa IN ('covek','patuljak','ork','demon','vilenjak')) ENABLE;

ALTER TABLE pomocnik ADD CONSTRAINT pomocnik\_klasa\_chk CHECK (klasa IN ('lopov','borac','oklopnik','carobnjak','svestenik','strelac')) ENABLE;

CREATE TABLE staza(

naziv NVARCHAR2(255),

bonus\_poeni INTEGER NOT NULL,

potrebne\_rase NVARCHAR2(255),

potrebne\_klase NVARCHAR2(255),

staza\_za\_tim NUMBER(1,0) NOT NULL

);

CREATE UNIQUE INDEX staza\_pk ON staza(naziv);

ALTER TABLE staza ADD CONSTRAINT staza\_pk PRIMARY KEY(naziv) ENABLE;

CREATE TABLE borba(

id NVARCHAR2(255),

naziv\_prvog\_tima NVARCHAR2(255) NOT NULL,

naziv\_drugog\_tima NVARCHAR2(255) NOT NULL,

pobednik NVARCHAR2(255) NOT NULL,

vreme DATE NOT NULL

);

CREATE UNIQUE INDEX borba\_pk ON borba(id);

ALTER TABLE borba ADD CONSTRAINT borba\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE borba\_id\_seq MINVALUE 1 MAXVALUE 999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 ORDER NOCYCLE;

ALTER TABLE borba ADD CONSTRAINT fk\_borba\_tim1 FOREIGN KEY(naziv\_prvog\_tima) REFERENCES tim(naziv);

ALTER TABLE borba ADD CONSTRAINT fk\_borba\_tim2 FOREIGN KEY(naziv\_drugog\_tima) REFERENCES tim(naziv);

ALTER TABLE borba ADD CONSTRAINT fk\_pobednik FOREIGN KEY(pobednik) REFERENCES tim(naziv);

CREATE TABLE kupovina(

id NVARCHAR2(255),

id\_igraca NVARCHAR2(6) NOT NULL,

naziv\_proizvoda NVARCHAR2(255) NOT NULL

);

CREATE UNIQUE INDEX kupovina\_pk ON kupovina(id);

ALTER TABLE kupovina ADD CONSTRAINT kupovina\_pk PRIMARY KEY(id) ENABLE;

CREATE SEQUENCE kupovina\_id\_seq MINVALUE 1 MAXVALUE 999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 ORDER NOCYCLE;

ALTER TABLE kupovina ADD CONSTRAINT fk\_kupovina\_igrac FOREIGN KEY(id\_igraca) REFERENCES igrac(id);

ALTER TABLE kupovina ADD CONSTRAINT fk\_kupovina\_proizvod FOREIGN KEY(naziv\_proizvoda) REFERENCES proizvod(naziv);

CREATE TABLE staza\_sadrzi\_predmet(

id NVARCHAR2(255),

naziv\_staze NVARCHAR2(255) NOT NULL,

naziv\_predmeta NVARCHAR2(255) NOT NULL

);

CREATE UNIQUE INDEX staza\_sadrzi\_predmet\_pk ON staza\_sadrzi\_predmet(id);

ALTER TABLE staza\_sadrzi\_predmet ADD CONSTRAINT pk\_staza\_sadrzi\_predmet PRIMARY KEY(naziv\_staze, naziv\_predmeta) ENABLE;

CREATE SEQUENCE staza\_sadrzi\_predmet\_id\_seq MINVALUE 1 MAXVALUE 999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 ORDER NOCYCLE;

ALTER TABLE staza\_sadrzi\_predmet ADD CONSTRAINT fk\_staza\_sadrzi\_predmet\_staza FOREIGN KEY(naziv\_staze) REFERENCES staza(naziv);

ALTER TABLE staza\_sadrzi\_predmet ADD CONSTRAINT fk\_staza\_sadrzi\_predmet\_predme FOREIGN KEY(naziv\_predmeta) REFERENCES predmet(naziv);

REM INSERTING INTO tim

SET DEFINE OFF;

INSERT INTO TIM (naziv, plasman, bonus\_poeni, max\_igraci, min\_igraci) values ('Zmajevi', 1, 375, 5,1);

INSERT INTO TIM (naziv, plasman, bonus\_poeni, max\_igraci, min\_igraci) values ('Plavi', 2, 249, 5,1);

INSERT INTO TIM (naziv, plasman, bonus\_poeni, max\_igraci, min\_igraci) values ('Ratnici', 3, 174, 5,1);

REM INSERTING INTO lik

SET DEFINE OFF;

INSERT INTO lik (id, kolicina\_zlata, iskustvo, stepen\_zamora, nivo\_zdravlja, tip\_rase, tip\_klase) values (100000,50,150,170,1000,'vilenjak','oklopnik');

INSERT INTO lik (id, kolicina\_zlata, iskustvo, stepen\_zamora, nivo\_zdravlja, tip\_rase, tip\_klase) values (100001,60,140,173,1000,'demon','svestenik');

INSERT INTO lik (id, kolicina\_zlata, iskustvo, stepen\_zamora, nivo\_zdravlja, tip\_rase, tip\_klase) values (100002,55,156,175,1000,'ork','strelac');

REM INSERTING INTO igrac

SET DEFINE OFF;

INSERT INTO igrac (id, ime, prezime, pol, nadimak, lozinka, uzrast, naziv\_tima, id\_lika) values (100000,'Mihajlo','Paunovic','M', 'mixa','mixa123',21,'Zmajevi', 100001);

INSERT INTO igrac (id, ime, prezime, pol, nadimak, lozinka, uzrast, naziv\_tima, id\_lika) values (100001,'Matija','Todosijevic','M', 'todosije','todosije123',21,'Zmajevi', 100002);

REM INSERTING INTO sesija

SET DEFINE OFF;

INSERT INTO sesija (id, vreme\_povezivanja, duzina\_sesije, zaradjeno\_zlato, zaradjeni\_xp) values (1,SYSDATE, 2000, 10, 25);

REM INSERTING INTO predmet

SET DEFINE OFF;

INSERT INTO predmet (naziv, opis, bonus\_iskustvo) values ('ekskalibur', 'mac', 200);

REM INSERTING INTO proizvod

SET DEFINE OFF;

INSERT INTO proizvod (naziv, opis, odbrambeni\_poeni, napadacki\_poeni) values ('malj', 'rusi', 0, 0);

REM INSERTING INTO staza

SET DEFINE OFF;

INSERT INTO staza (naziv, bonus\_poeni, staza\_za\_tim) values ('dust', 70, 0);

REM INSERTING INTO pomocnik

SET DEFINE OFF;

INSERT INTO pomocnik (id, ime, rasa, klasa, bonus\_zastita, id\_igraca) values (100000000, 'vila', 'vilenjak', 'carobnjak', 130, 100000);

REM INSERTING INTO borba

SET DEFINE OFF;

Insert INTO borba (id, naziv\_prvog\_tima, naziv\_drugog\_tima, pobednik, vreme) values (1, 'Zmajevi', 'Ratnici', 'Zmajevi', SYSDATE);

CREATE OR REPLACE TRIGGER igrac\_auto\_pk

BEFORE INSERT

ON igrac

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT igrac\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER igrac\_auto\_pk ENABLE;

CREATE OR REPLACE TRIGGER lik\_auto\_pk

BEFORE INSERT

ON lik

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT lik\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER lik\_auto\_pk ENABLE;

CREATE OR REPLACE TRIGGER pomocnik\_auto\_pk

BEFORE INSERT

ON pomocnik

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT pomocnik\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER pomocnik\_auto\_pk ENABLE;

CREATE OR REPLACE TRIGGER borba\_auto\_pk

BEFORE INSERT

ON borba

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT borba\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER borba\_auto\_pk ENABLE;

CREATE OR REPLACE TRIGGER kupovina\_pk

BEFORE INSERT

ON kupovina

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT kupovina\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER kupovina\_pk ENABLE;

CREATE OR REPLACE TRIGGER sesija\_pk

BEFORE INSERT

ON sesija

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT sesija\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER sesija\_pk ENABLE;

CREATE OR REPLACE TRIGGER staza\_sadrzi\_predmet\_pk

BEFORE INSERT

ON staza\_sadrzi\_predmet

REFERENCING NEW AS NEW

FOR EACH ROW

BEGIN

SELECT staza\_sadrzi\_predmet\_id\_seq.NEXTVAL INTO :NEW.id FROM DUAL;

END;

/

ALTER TRIGGER staza\_sadrzi\_predmet\_pk ENABLE;