

Task 2

```
■ create table Gardener (  
  GardenerID      varchar(20) not null primary key,  
  Name            varchar(40) not null  
);  
  
create table Garden(  
  GardenID        varchar(20) not null primary key,  
  Owner           varchar(60),  
  Location        varchar(20) not null  
);  
  
■ create table Reward(  
  Year            int not null,  
  Place          int not null,  
  GardenerRewarded varchar(20) not null,  
  primary key (Year, Place),  
  foreign key (GardenerRewarded) references Gardener  
);
```

Task 2

```
■ create table Section (  
  GardenID        varchar(20) not null,  
  SectionNumber   int not null,  
  Soil            varchar(60),  
  Dampness       varchar(20),  
  Lighting        varchar(20),  
  PositionInGarden varchar(20),  
  GardenerInCharge varchar(20),  
  primary key (GardenID, SectionNumber),  
  foreign key (GardenerInCharge) references Gardener,  
  foreign key (GardenID) references Garden on delete  
  cascade  
);
```

Task 2

```
■ create table PlantType(  
  TypeId varchar(30)      not null primary key,  
  FinnishName            varchar(60) not null,  
  LatinName              varchar(60) not null,  
  Category               varchar(40) not null,  
  GrowingConditions    varchar(1000),  
  FlowerColor            varchar(40),  
  BloomingTime           varchar(30),  
  Comments               varchar(1000)  
);
```

Task 2

```
create table Planting(  
  DateOfPlanting      date not null,  
  PositionWithinSection varchar(20) not null,  
  WayOfPlanting       varchar(20) not null,  
  Successfulness      char,  
  DateControlled      date,  
  WhoPlanted          varchar(20) not null,  
  WhoControlled       varchar(20),  
  PlantType           varchar(30) not null,  
  GardenID            varchar(20) not null,  
  SectionNumber       int not null,  
  primary key (GardenID, SectionNumber, DateOfPlanting,  
  PositionWithinSection),  
  foreign key (WhoPlanted) references Gardener,  
  foreign key (WhoControlled) references Gardener,  
  foreign key (GardenID, SectionNumber) references  
  Section on delete cascade,  
  foreign key (PlantType i) references PlantType);
```