```sql
drop schema if exists programme_but cascade;
create schema programme_but;
set schema 'programme_but';

create table _parcours
(
  code_p              varchar(30),
  libelle_parcours   varchar(30) not null,
  nbre_gpe_td_p       integer not null,
  nbre_gpe_tp_p       integer not null,
  constraint _parcours_pk
    primary key (code_p)
);

create table _niveau
(
  numero_n   integer,
  constraint _niveau_pk
    primary key (numero_n)
);

create table _compétences
(
  lib_competence   varchar(30),
  constraint _competences_pk
    primary key (lib_competence)
);

create table _activites
(
  lib_activite   varchar(30),
  relève_de      varchar(30),
  constraint _activite_pk
    primary key (lib_activite),
  constraint _activites_fk1 foreign key (relève_de)
  references _compétences (lib_competence)
);

create table _correspond
(
  lib_activite   varchar(30),
  code_p                 varchar(30),
  numero_n       integer,
  constraint _correspond_pk
    primary key (lib_activite,code_p,numero_n),
  constraint _correspond_fk1 foreign key (lib_activite)
    references _activites (lib_activite),
  constraint _correspond_fk2 foreign key (code_p)
```

```
    references _parcours (code_p),
  constraint _correspond_fk3 foreign key (numero_n)
    references _niveau (numero_n)
);

create table _semestre
(
  numero_sem    varchar(30),
  fait_partie   integer,
  constraint _semestre_pk
    primary key (numero_sem),
  constraint _semestre_fk1 foreign key (fait_partie)
    references _niveau (numero_n)
);

create table _ue
(
  code_ue               varchar(30),
  est_réalisee_dans   varchar(30) not null,
  dans                  varchar(30) not null,
  constraint _ue_pk
    primary key (code_ue),
  constraint _ue_fk1 foreign key (est_réalisee_dans)
    references _activites (lib_activite),
  constraint _ue_fk2 foreign key (dans)
    references _semestre (numero_sem)
);

create table _ressources
(
  code_r        varchar(30),
  lib_r         varchar(30) not null,
  nb_h_cm_pn   integer not null,
  nb_h_td_pn   integer not null,
  nb_h_tp_pn   integer not null,
  quand         varchar(30) not null,
  constraint _ressources_pk
    primary key (code_r),
  constraint _ressources_fk2 foreign key (quand)
    references _semestre (numero_sem)
);

create table _est_enseignee
(
  code_p   varchar(30),
  code_r   varchar(30),
  constraint _est_enseignee_pk
    primary key (code_p,code_r),
```

```sql
  constraint _est_enseignee_fk1 foreign key (code_r)
    references _ressources (code_r),
  constraint _est_enseignee_fk2 foreign key (code_p)
    references _parcours (code_p)
);

create table _sae
(
  code_sae                varchar(30),
  lib_sae                 varchar(30) not null,
  nb_h_td_enc             integer not null,
  nb_h_td_projet_autonomie   integer not null,
  constraint _sae_pk primary key (code_sae)
);

create table _comprend_r
(
  code_sae    varchar(30),
  code_r         varchar(30),
  nb_h_td_c   integer not null,
  nb_h_tp_c   integer not null,
  constraint _comprend_r_pk
    primary key (code_sae,code_r),
  constraint _comprend_r_fk1 foreign key (code_sae)
    references _sae (code_sae),
  constraint _comprend_r_fk2 foreign key (code_r)
    references _ressources (code_r)
);

commit
```