RESOLUCION DE LA DEFENZA HITO-II

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MATERIA: BASE DE DATOS II

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EJERCICIO NO 1

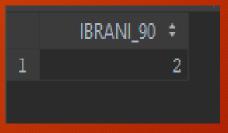
```
• create function getNombreCompleto(fullname varchar(100), lastname varchar(100)) returns varchar(200)
  begin
    declare nombreCompleto varchar(200);
    set nombreCompleto = CONCAT(fullname, '', lastname);
    return nombreCompleto;
  end;
  select getNombreCompleto(us.fullname, us.lastname) as NOMBRE_COMPLETO, us.ci as CI_USER, cat.type as
  LIBRO PERSTADO
  from users as us
                                                          NOMBRE_COMPLETO

    CI_USER

                                                                                        + LIBRO_PERSTADO
  inner join prestamos p on us.id_user = p.id_user
                                                          user_3 lastanme_3
                                                                                333 cbba
                                                                                           COMEDIA
  inner join book b on p.id_book = b.id_book
                                                          user 3 lastanme 3
                                                                               333 cbba
                                                                                           MANGA
  inner join category cat on b.id_book = cat.id_book
                                                                               444 lp
                                                          user 4 lastanme 4
                                                                                           MANGA
  where cat.type = 'MANGA' or cat.type = 'COMEDIA';
                                                          user 5 lastanme 5
                                                                                           MANGA
```

EJERCICIO NO 2

```
• create function numeropaginas(edit text, pag int) returns integer
  begin
   declare numpag integer default 0;
   select COUNT(b.pages) into numpag
   from book as b
   INNER JOIN prestamos p on b.id_book = p.id_book
   inner join users u on p.id_user = u.id_user
   where b.pages > pag and b.editorial = edit;
  return numpag;
  end;
  USE biblioteca;
  SELECT numeropaginas('IBRANI', 90) as IBRANI_90;
```



EJERCICO NO 3

```
    create function numPAGMANGA( pag int) returns TEXT

                                                                          DESCRIPCION
  begin
declare npag TEXT;
                                                                          EDITORIAL: IBRANI, CATEGORIA: MANGA
   IF pag % 2 = 0
                                                                          EDITORIAL: IBRANI, CATEGORIA: MANGA
     set npag = concat('PAR: ',pag);
                                                                          EDITORIAL: IBRANI, CATEGORIA: MANGA
   set npag = concat('IMPAR: ',pag);
end if;
   return npag;
   END:
   DROP FUNCTION IF EXISTS concatenar:
   create function concatenar(texto1 text, texto2 text) returns text
   begin
     declare concatenador text;
     set concatenador = CONCAT('EDITORIAL: ',texto1,', ','CATEGORIA: ',texto2);
     return concatenador;
   end;
   select concatenar(b.editorial,c.type)as DESCRIPCION, numPAGMANGA(b.pages) as PAGINAS
   from book as b
  inner join category c on b.id_book = c.id_book
where c.type = 'MANGA';
```

PAGINAS

PAR: 100

PAR: 200

IMPAR: 85

EJERCICIO NO 5

```
drop function if exists añop;
  create function añop() returns integer
  begin
    declare añopres integer default 0;

  select count(p.fec_prestamo) into añopres
    from prestamos as p
    where p.fec_prestamo > '2017-01-01' and p.fec_prestamo < '2018-12-30';

  end;
  select añop() as CANTIDAD_2018;</pre>
```