

```
#01
select name, type from mysql.proc where db=database();

#02
show variables like 'collation_database';

#03
drop function if exists uencrypt;

#04
show warnings;

#05
delimiter //

create or replace function uencrypt(fp text)
returns text
begin

declare apwd, epwd varchar(7);
declare ae, ed, cd text;

set apwd='0to9!@#';
set epwd='A2Z$a2z';

set ae=aes_encrypt(fp, apwd);
set ed=encode(ae, epwd);
set cd=compress(ed);

return cd;
end
//

delimiter ;

#06
select name, type from mysql.proc where db=database();

#07
drop function if exists udecrypt;

#08
show warnings;

#09
delimiter //
create or replace function udecrypt(fp text)
returns text
begin

declare apwd, epwd varchar(7);
declare ud, dd, ad text;

set apwd='0to9!@#';
set epwd='A2Z$a2z';

set ud=uncompress(fp);
set dd=decode(ud,epwd);
set ad=aes_decrypt(dd, apwd);

return ad;
end
//

delimiter ;

#10
set @pd='Tea is one of the categories of Hot drink';
```

```
#11
select @pd;

#12
set @ed=uencrypt(@pd); --@pd -> fp

#13
select @ed;

#14
set @dd=udecrypt(@ed); -- @ed -> fp

#15
select @dd;
```