Q1)

public static String getValidName(String name) {

String validName = "";

String revName = "";

char[] characters = name.toCharArray();

boolean rev = false;

for (char c:characters) {

if(rev){

if(c==')'){

rev=!rev;

validName+=revName;

revName="";

continue;

}

revName=c+revName;

continue;

}

if(c!='('&&c!=')'){

validName +=c;

} else if (c=='(') {

rev=!rev;

}

}

return validName;

}

Q2)

select u.user\_id,u.username, t.user\_id, t.training\_date, count(t.training\_id) as count

from training\_details t join users u on (u.user\_id = t.user\_id)

group by u.user\_id,u.username,t.user\_id, t.training\_id, t.training\_date

having count(t.training\_id)>1

order by t.training\_date desc;