use Top100;

# get all individual people

insert into people(person)

select distinct artist

from top100

union

select distinct writtenby1

from top100

union

select distinct writtenby2

from top100

union

select distinct writtenby3

from top100

union

select distinct writtenby4

from top100

union

select distinct writtenby5

from top100

union

select distinct writtenby6

from top100

union

select distinct writtenby7

from top100

union

select distinct writtenby8

from top100

;

# build label table

insert into label (label\_name)

select distinct label

from top100;

#built track table

insert into track (track\_year, track\_title, track\_time, label\_id, bpm, track\_comment, prefix, artist, lab\_num)

select a.year, a.tracktitle, a.time, c.label\_id, a.bpm, a.comment, a.prefix, b.person\_id, a.labnum

from top100 a

join people b on a.artist=b.person

join label c on a.label=c.label\_name;

#build ranking\_overview table

insert into ranking\_overview (track\_id, weeks\_ch, weeks\_40, weeks\_10, yearly\_rank, weeks\_peak, highest, date\_entered, date\_peaked)

select a.track\_id, b.weeksCH, b.weeks40, b.weeks10, b.yearlyrank, b.weekspeak, b.highest, b.dateentered, b.datepeaked

from top100 b

join track a on a.track\_title=b.tracktitle and a.prefix = b.prefix;

#build track\_writers linking table

insert into track\_writers (track\_id, person\_id, writer\_num)

select t.track\_id, p.person\_id,

case

when p.person = a.writtenby1 then 1

when p.person = a.writtenby2 then 2

when p.person = a.writtenby3 then 3

when p.person = a.writtenby4 then 4

when p.person = a.writtenby5 then 5

when p.person = a.writtenby6 then 6

when p.person = a.writtenby7 then 7

else 8

end

from track t

join people p

join top100 a on t.prefix=a.prefix

where (p.person = a.writtenby1 and char\_length(writtenby1)>0) or

(p.person = a.writtenby2 and char\_length(writtenby2)>0) or

(p.person = a.writtenby3 and char\_length(writtenby3)>0) or

(p.person = a.writtenby4 and char\_length(writtenby4)>0) or

(p.person = a.writtenby5 and char\_length(writtenby5)>0) or

(p.person = a.writtenby6 and char\_length(writtenby6)>0) or

(p.person = a.writtenby7 and char\_length(writtenby7)>0) or

(p.person = a.writtenby8 and char\_length(writtenby8)>0)

;

#make temp rankings table

drop table if exists temp\_rankings;

create table temp\_rankings (

track\_id int,

charting\_week int,

track\_rank int not null,

position\_week date,

primary key (track\_id, charting\_week)

);

#build ranking\_details table

insert into temp\_rankings (track\_id, charting\_week, track\_rank)

select t.track\_id, 1, a.week1

from track t

join top100 a on t.prefix=a.prefix where a.week1>0

union all

select t.track\_id, 2, a.week2

from track t

join top100 a on t.prefix = a.prefix where a.week2 > 0

union all

select t.track\_id, 3, a.week3

from track t

join top100 a on t.prefix = a.prefix where a.week3 > 0

union all

select t.track\_id, 4, a.week4

from track t

join top100 a on t.prefix = a.prefix where a.week4 > 0

union all

select t.track\_id, 5, a.week5

from track t

join top100 a on t.prefix = a.prefix where a.week5 > 0

union all

select t.track\_id, 6, a.week6

from track t

join top100 a on t.prefix = a.prefix where a.week6 > 0

union all

select t.track\_id, 7, a.week7

from track t

join top100 a on t.prefix = a.prefix where a.week7 > 0

union all

select t.track\_id, 8, a.week8

from track t

join top100 a on t.prefix = a.prefix where a.week8 > 0

union all

select t.track\_id, 9, a.week9

from track t

join top100 a on t.prefix = a.prefix where a.week9 > 0

union all

select t.track\_id, 10, a.week10

from track t

join top100 a on t.prefix = a.prefix where a.week10 > 0

union all

select t.track\_id, 11, a.week11

from track t

join top100 a on t.prefix = a.prefix where a.week11 > 0

union all

select t.track\_id, 12, a.week12

from track t

join top100 a on t.prefix = a.prefix where a.week12 > 0

union all

select t.track\_id, 13, a.week13

from track t

join top100 a on t.prefix = a.prefix where a.week13 > 0

union all

select t.track\_id, 14, a.week14

from track t

join top100 a on t.prefix = a.prefix where a.week14 > 0

union all

select t.track\_id, 15, a.week15

from track t

join top100 a on t.prefix = a.prefix where a.week15 > 0

union all

select t.track\_id, 16, a.week16

from track t

join top100 a on t.prefix = a.prefix where a.week16 > 0

union all

select t.track\_id, 17, a.week17

from track t

join top100 a on t.prefix = a.prefix where a.week17 > 0

union all

select t.track\_id, 18, a.week18

from track t

join top100 a on t.prefix = a.prefix where a.week18 > 0

union all

select t.track\_id, 19, a.week19

from track t

join top100 a on t.prefix = a.prefix where a.week19 > 0

union all

select t.track\_id, 20, a.week20

from track t

join top100 a on t.prefix = a.prefix where a.week20 > 0

union all

select t.track\_id, 21, a.week21

from track t

join top100 a on t.prefix = a.prefix where a.week21 > 0

union all

select t.track\_id, 22, a.week22

from track t

join top100 a on t.prefix = a.prefix where a.week22 > 0

union all

select t.track\_id, 23, a.week23

from track t

join top100 a on t.prefix = a.prefix where a.week23 > 0

union all

select t.track\_id, 24, a.week24

from track t

join top100 a on t.prefix = a.prefix where a.week24 > 0

union all

select t.track\_id, 25, a.week25

from track t

join top100 a on t.prefix = a.prefix where a.week25 > 0

union all

select t.track\_id, 26, a.week26

from track t

join top100 a on t.prefix = a.prefix where a.week26 > 0

union all

select t.track\_id, 27, a.week27

from track t

join top100 a on t.prefix = a.prefix where a.week27 > 0

union all

select t.track\_id, 28, a.week28

from track t

join top100 a on t.prefix = a.prefix where a.week28 > 0

union all

select t.track\_id, 29, a.week29

from track t

join top100 a on t.prefix = a.prefix where a.week29 > 0

union all

select t.track\_id, 30, a.week30

from track t

join top100 a on t.prefix = a.prefix where a.week30 > 0

union all

select t.track\_id, 31, a.week31

from track t

join top100 a on t.prefix = a.prefix where a.week31 > 0

union all

select t.track\_id, 32, a.week32

from track t

join top100 a on t.prefix = a.prefix where a.week32 > 0

union all

select t.track\_id, 33, a.week33

from track t

join top100 a on t.prefix = a.prefix where a.week33 > 0

union all

select t.track\_id, 34, a.week34

from track t

join top100 a on t.prefix = a.prefix where a.week34 > 0

union all

select t.track\_id, 35, a.week35

from track t

join top100 a on t.prefix = a.prefix where a.week35 > 0

union all

select t.track\_id, 36, a.week36

from track t

join top100 a on t.prefix = a.prefix where a.week36 > 0

union all

select t.track\_id, 37, a.week37

from track t

join top100 a on t.prefix = a.prefix where a.week37 > 0

union all

select t.track\_id, 38, a.week38

from track t

join top100 a on t.prefix = a.prefix where a.week38 > 0

union all

select t.track\_id, 39, a.week39

from track t

join top100 a on t.prefix = a.prefix where a.week39 > 0

union all

select t.track\_id, 40, a.week40

from track t

join top100 a on t.prefix = a.prefix where a.week40 > 0

union all

select t.track\_id, 41, a.week41

from track t

join top100 a on t.prefix = a.prefix where a.week41 > 0

union all

select t.track\_id, 42, a.week42

from track t

join top100 a on t.prefix = a.prefix where a.week42 > 0

union all

select t.track\_id, 43, a.week43

from track t

join top100 a on t.prefix = a.prefix where a.week43 > 0

union all

select t.track\_id, 44, a.week44

from track t

join top100 a on t.prefix = a.prefix where a.week44 > 0

union all

select t.track\_id, 45, a.week45

from track t

join top100 a on t.prefix = a.prefix where a.week45 > 0

union all

select t.track\_id, 46, a.week46

from track t

join top100 a on t.prefix = a.prefix where a.week46 > 0

union all

select t.track\_id, 47, a.week47

from track t

join top100 a on t.prefix = a.prefix where a.week47 > 0

union all

select t.track\_id, 48, a.week48

from track t

join top100 a on t.prefix = a.prefix where a.week48 > 0

union all

select t.track\_id, 49, a.week49

from track t

join top100 a on t.prefix = a.prefix where a.week49 > 0

union all

select t.track\_id, 50, a.week50

from track t

join top100 a on t.prefix = a.prefix where a.week50 > 0

union all

select t.track\_id, 51, a.week51

from track t

join top100 a on t.prefix = a.prefix where a.week51 > 0

union all

select t.track\_id, 52, a.week52

from track t

join top100 a on t.prefix = a.prefix where a.week52 > 0

union all

select t.track\_id, 53, a.week53

from track t

join top100 a on t.prefix = a.prefix where a.week53 > 0

union all

select t.track\_id, 54, a.week54

from track t

join top100 a on t.prefix = a.prefix where a.week54 > 0

union all

select t.track\_id, 55, a.week55

from track t

join top100 a on t.prefix = a.prefix where a.week55 > 0

union all

select t.track\_id, 56, a.week56

from track t

join top100 a on t.prefix = a.prefix where a.week56 > 0

union all

select t.track\_id, 57, a.week57

from track t

join top100 a on t.prefix = a.prefix where a.week57 > 0

union all

select t.track\_id, 58, a.week58

from track t

join top100 a on t.prefix = a.prefix where a.week58 > 0

union all

select t.track\_id, 59, a.week59

from track t

join top100 a on t.prefix = a.prefix where a.week59 > 0

union all

select t.track\_id, 60, a.week60

from track t

join top100 a on t.prefix = a.prefix where a.week60 > 0

union all

select t.track\_id, 61, a.week61

from track t

join top100 a on t.prefix = a.prefix where a.week61 > 0

union all

select t.track\_id, 62, a.week62

from track t

join top100 a on t.prefix = a.prefix where a.week62 > 0

union all

select t.track\_id, 63, a.week63

from track t

join top100 a on t.prefix = a.prefix where a.week63 > 0

union all

select t.track\_id, 64, a.week64

from track t

join top100 a on t.prefix = a.prefix where a.week64 > 0

union all

select t.track\_id, 65, a.week65

from track t

join top100 a on t.prefix = a.prefix where a.week65 > 0

union all

select t.track\_id, 66, a.week66

from track t

join top100 a on t.prefix = a.prefix where a.week66 > 0

union all

select t.track\_id, 67, a.week67

from track t

join top100 a on t.prefix = a.prefix where a.week67 > 0

union all

select t.track\_id, 68, a.week68

from track t

join top100 a on t.prefix = a.prefix where a.week68 > 0

union all

select t.track\_id, 69, a.week69

from track t

join top100 a on t.prefix = a.prefix where a.week69 > 0

union all

select t.track\_id, 70, a.week70

from track t

join top100 a on t.prefix = a.prefix where a.week70 > 0

union all

select t.track\_id, 71, a.week71

from track t

join top100 a on t.prefix = a.prefix where a.week71 > 0

union all

select t.track\_id, 72, a.week72

from track t

join top100 a on t.prefix = a.prefix where a.week72 > 0

union all

select t.track\_id, 73, a.week73

from track t

join top100 a on t.prefix = a.prefix where a.week73 > 0

union all

select t.track\_id, 74, a.week74

from track t

join top100 a on t.prefix = a.prefix where a.week74 > 0

union all

select t.track\_id, 75, a.week75

from track t

join top100 a on t.prefix = a.prefix where a.week75 > 0

union all

select t.track\_id, 76, a.week76

from track t

join top100 a on t.prefix = a.prefix where a.week76 > 0

;

#copy temp table into ranking\_details and do position week math

insert into ranking\_details (track\_id, charting\_week, track\_rank, position\_week)

select a.track\_id, a.charting\_week, a.track\_rank, date\_add(date(b.date\_entered), interval (a.charting\_week-1) week)

from temp\_rankings a

join ranking\_overview b on a.track\_id=b.track\_id

where b.date\_entered != "0";

drop table temp\_rankings;