

Part 3a Output :  
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- 1: Intevrted Index Creation
- 2: Execute the query

Kindly select options from above : 1

Kindly provide path of the document set (including name) :/Users/tejasvibelsare/Library/Mobile Documents/com~apple~CloudDocs/Fall 2018/Search Engines/HW1 documents.txt

Please find below inverted index for given document :

rol	1	====>	[8]
funct	1	====>	[3]
month	2	====>	[3, 8]
send	2	====>	[3, 8]
to	30	====>	[1, 2, 2, 2, 2, 3, 3, 3, 4, 6, 6, 6, 7, 7, 8, 8, 8, 8, 8, 8, 8, 9, 9, 9, 9, 9, 9, 9, 10, 10]
becam	1	====>	[8]
spec	1	====>	[6]
very	2	====>	[4, 9]
worst	1	====>	[1]
fal	1	====>	[9]
sony	1	====>	[1]
brows	1	====>	[4]
cool	1	====>	[3]
tri	2	====>	[9, 9]
upd	2	====>	[1, 8]
dic	1	====>	[8]
machin	1	====>	[4]
cost	1	====>	[8]
video	4	====>	[4, 4, 4, 4]
port	2	====>	[3, 3]
what	1	====>	[4]
abl	1	====>	[2]
delet	1	====>	[7]
sur	1	====>	[2]
nex	4	====>	[1, 2, 6, 6]
sup	1	====>	[9]
new	1	====>	[8]
net	1	====>	[4]
ridic	1	====>	[1]
100	1	====>	[8]
my	14	====>	[2, 2, 2, 2, 4, 4, 4, 4, 4, 5, 6, 6, 6, 8]
devicewear	1	====>	[2]
amount	1	====>	[8]
elect	1	====>	[7]
wil	2	====>	[8, 8]
ask	1	====>	[9]
stero	1	====>	[6]
softw	1	====>	[1]
unit	1	====>	[8]
smal	1	====>	[2]

from	6	====>	[1, 1, 1, 1, 4, 6]
would	4	====>	[3, 5, 8, 8]
pref	2	====>	[2, 2]
upgrad	2	====>	[6, 6]
next	1	====>	[1]
few	2	====>	[3, 4]
recommend	1	====>	[5]
pres	1	====>	[9]
flaw	1	====>	[9]
hundr	1	====>	[8]
it	37	====>	[2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5, 6, 8, 8, 8, 8, 8, 8, 8, 8, 8, 9, 9, 9, 9, 10, 10, 10]
warm	1	====>	[3]
hold	1	====>	[7]
me	1	====>	[2]
cas	1	====>	[2]
work	7	====>	[2, 2, 2, 3, 3, 3, 8]
dev	3	====>	[2, 5, 10]
can	1	====>	[6]
sluggy	1	====>	[9]
ded	1	====>	[4]
control	1	====>	[7]
claim	1	====>	[8]
want	4	====>	[2, 7, 8, 10]
stil	2	====>	[1, 1]
end	2	====>	[8, 9]
thing	4	====>	[1, 6, 7, 8]
siz	1	====>	[2]
1	2	====>	[1, 1]
aft	1	====>	[6]
instead	3	====>	[5, 8, 9]
widespread	1	====>	[8]
stock	1	====>	[8]
birthday	1	====>	[2]
lat	1	====>	[8]
light	1	====>	[6]
or	4	====>	[1, 2, 4, 7]
issu	5	====>	[3, 3, 8, 8, 8]
environ	1	====>	[3]
allow	1	====>	[7]
anoth	1	====>	[8]
disast	1	====>	[9]
becaus	2	====>	[8, 8]
movy	1	====>	[4]
lg	1	====>	[1]
fiv	1	====>	[3]
fix	3	====>	[3, 8, 8]
2015	1	====>	[1]
main	1	====>	[10]
fin	2	====>	[2, 4]
2013	1	====>	[1]
then	4	====>	[3, 3, 8, 8]
them	3	====>	[7, 8, 8]
good	5	====>	[2, 4, 5, 5, 8]

return	1	====>	[9]
som	2	====>	[1, 8]
overall	2	====>	[6, 6]
they	1	====>	[8]
not	8	====>	[2, 3, 4, 6, 6, 7, 8, 9]
now	5	====>	[2, 4, 4, 4, 8]
edit	3	====>	[4, 4, 4]
drop	1	====>	[5]
l	1	====>	[6]
rock	1	====>	[1]
went	1	====>	[3]
complet	2	====>	[8, 8]
button	1	====>	[2]
em	1	====>	[4]
weight	1	====>	[2]
replac	1	====>	[3]
hard	2	====>	[9, 9]
year	5	====>	[1, 2, 4, 8, 8]
ev	4	====>	[1, 1, 1, 8]
out	1	====>	[8]
profil	1	====>	[1]
7	3	====>	[6, 6, 7]
internet	1	====>	[10]
got	2	====>	[3, 8]
ipod	1	====>	[2]
put	2	====>	[2, 7]
could	1	====>	[10]
so	4	====>	[1, 2, 9, 9]
flawless	1	====>	[1]
iphon	2	====>	[2, 2]
onto	1	====>	[4]
first	3	====>	[3, 8, 8]
suspend	1	====>	[7]
feel	2	====>	[6, 6]
wast	1	====>	[8]
system	3	====>	[1, 1, 2]
unlik	1	====>	[6]
fast	2	====>	[2, 6]
guess	1	====>	[6]
conveny	1	====>	[4]
sometim	1	====>	[2]
least	1	====>	[7]
their	2	====>	[1, 8]
2	2	====>	[2, 8]
too	6	====>	[1, 2, 7, 8, 9, 9]
gear	1	====>	[1]
that	10	====>	[1, 1, 2, 3, 6, 8, 9, 9, 9, 9]
part	1	====>	[8]
than	2	====>	[2, 8]
ipad	1	====>	[2]
10	1	====>	[10]
bef	1	====>	[2]
ebay	1	====>	[8]
surpr	2	====>	[2, 4]

sam	1	====>	[10]
modern	1	====>	[1]
defect	1	====>	[8]
seem	1	====>	[3]
sav	1	====>	[5]
lif	1	====>	[5]
arm	1	====>	[2]
also	1	====>	[3]
which	1	====>	[8]
writ	1	====>	[8]
200	1	====>	[8]
thrilled	1	====>	[6]
ebook	1	====>	[2]
react	1	====>	[6]
most	1	====>	[1]
everyth	1	====>	[10]
charg	3	====>	[3, 3, 3]
amaz	1	====>	[8]
doe	2	====>	[1, 10]
tech	1	====>	[2]
awesom	1	====>	[1]
shop	1	====>	[4]
pric	2	====>	[1, 2]
slow	1	====>	[9]
releas	1	====>	[8]
should	1	====>	[7]
going	1	====>	[3]
8	1	====>	[8]
do	4	====>	[1, 7, 8, 9]
his	1	====>	[5]
get	5	====>	[2, 3, 4, 8, 9]
express	1	====>	[8]
watch	1	====>	[4]
stor	1	====>	[2]
autom	1	====>	[8]
curs	1	====>	[2]
restart	1	====>	[2]
topnotch	1	====>	[1]
bad	2	====>	[3, 3]
common	1	====>	[8]
husband	1	====>	[2]
respond	3	====>	[5, 6, 6]
sev	1	====>	[5]
see	1	====>	[8]
result	1	====>	[8]
fail	1	====>	[8]
whatsoev	1	====>	[4]
review	1	====>	[8]
expery	1	====>	[8]
3	1	====>	[3]
bought	3	====>	[4, 5, 8]
we	1	====>	[1]
wo	3	====>	[2, 3, 8]
comp	3	====>	[1, 1, 6]

screen	8	====>	[1, 2, 3, 3, 3, 6, 6, 8]
apprecy	1	====>	[6]
ug	1	====>	[9]
addit	1	====>	[6]
protect	2	====>	[2, 2]
etc	1	====>	[5]
s	1	====>	[4]
tough	1	====>	[5]
point	1	====>	[9]
battery	1	====>	[5]
pow	1	====>	[1]
diff	1	====>	[6]
speak	1	====>	[6]
quit	2	====>	[5, 6]
immedy	1	====>	[2]
been	2	====>	[4, 8]
pc	1	====>	[4]
gopro	1	====>	[4]
much	4	====>	[2, 8, 9, 9]
brick	1	====>	[8]
crappy	1	====>	[9]
gam	2	====>	[4, 10]
child	2	====>	[9, 9]
myself	1	====>	[9]
vimeo	1	====>	[4]
air	1	====>	[8]
real	4	====>	[2, 6, 8, 9]
purchas	1	====>	[6]
revid	1	====>	[8]
in	4	====>	[8, 8, 9, 9]
convint	1	====>	[9]
if	5	====>	[1, 1, 2, 3, 8]
big	2	====>	[2, 4]
9	1	====>	[9]
android	2	====>	[2, 6]
sham	1	====>	[8]
week	1	====>	[9]
nic	1	====>	[10]
piec	2	====>	[8, 9]
two	1	====>	[9]
expend	1	====>	[8]
off	2	====>	[4, 8]
picky	1	====>	[9]
i	43	====>	[2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 3, 4, 4, 4, 4, 4, 4, 4, 4, 6, 6, 6, 6, 8, 8, 8, 8, 8, 8, 8, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 10, 10]
thought	1	====>	[9]
thi	14	====>	[1, 1, 2, 2, 2, 3, 4, 5, 6, 8, 8, 8, 8, 9, 10]
model	1	====>	[6]
mon	1	====>	[8]
just	4	====>	[4, 4, 8, 9]
less	1	====>	[8]
being	1	====>	[2]
money	3	====>	[5, 8, 8]
laptop	1	====>	[5]

touch	6	====>	[2, 3, 3, 3, 6, 8]
camer	2	====>	[2, 6]
lik	3	====>	[1, 2, 8]
web	1	====>	[4]
tablet	6	====>	[2, 3, 4, 4, 6, 10]
had	4	====>	[3, 4, 8, 9]
littl	1	====>	[4]
wel	1	====>	[2]
wer	1	====>	[3]
gre	5	====>	[1, 2, 3, 6, 10]
4	1	====>	[4]
easy	1	====>	[6]
hap	1	====>	[8]
has	3	====>	[1, 1, 5]
hat	1	====>	[9]
hav	8	====>	[2, 2, 3, 6, 8, 8, 8, 10]
opt	1	====>	[1]
read	1	====>	[2]
mor	2	====>	[1, 8]
mov	1	====>	[2]
know	2	====>	[1, 4]
rear	1	====>	[6]
loss	2	====>	[8, 8]
confid	1	====>	[8]
right	1	====>	[8]
old	3	====>	[6, 6, 6]
deal	1	====>	[8]
acknowledg	2	====>	[8, 8]
back	1	====>	[2]
kinemast	1	====>	[4]
for	11	====>	[2, 2, 3, 3, 4, 4, 4, 8, 8, 9, 9]
avoid	1	====>	[8]
prop	2	====>	[3, 3]
estim	1	====>	[8]
hardw	2	====>	[1, 9]
jumpy	1	====>	[8]
be	1	====>	[3]
plu	1	====>	[1]
although	1	====>	[8]
by	3	====>	[8, 8, 9]
about	2	====>	[2, 6]
unrespond	1	====>	[8]
act	1	====>	[3]
ov	2	====>	[4, 8]
os	2	====>	[1, 1]
produc	2	====>	[8, 8]
op	1	====>	[2]
warranty	2	====>	[8, 8]
repair	2	====>	[3, 8]
own	1	====>	[1]
garb	1	====>	[9]
son	1	====>	[5]
soon	1	====>	[9]
giv	1	====>	[9]

submit	1	====>	[8]
custom	1	====>	[8]
start	2	====>	[3, 4]
slimport	1	====>	[1]
lov	4	====>	[2, 2, 2, 8]
low	1	====>	[1]
lot	2	====>	[2, 5]
was	5	====>	[1, 2, 2, 3, 8]
happy	2	====>	[4, 6]
buy	1	====>	[8]
6	1	====>	[6]
but	9	====>	[1, 2, 2, 2, 3, 3, 4, 9, 10]
eas	1	====>	[4]
with	9	====>	[1, 2, 3, 4, 5, 6, 8, 8, 8]
he	2	====>	[5, 5]
count	1	====>	[4]
throw	1	====>	[9]
temp	1	====>	[3]
up	2	====>	[8, 9]
us	9	====>	[1, 2, 2, 4, 4, 5, 7, 8, 10]
un	1	====>	[7]
frust	1	====>	[9]
problem	4	====>	[3, 4, 8, 8]
ad	1	====>	[8]
am	2	====>	[4, 8]
al	2	====>	[2, 3]
an	6	====>	[2, 2, 2, 2, 8, 10]
as	13	====>	[1, 1, 3, 4, 4, 8, 8, 8, 8, 8, 8, 9, 10]
ar	2	====>	[6, 8]
aw	1	====>	[1]
triv	1	====>	[8]
again	4	====>	[2, 3, 8, 8]
googl	5	====>	[1, 1, 7, 7, 8]
no	1	====>	[9]
when	4	====>	[1, 1, 3, 8]
wher	1	====>	[2]
tim	2	====>	[5, 8]
book	1	====>	[4]
5	2	====>	[1, 5]
you	3	====>	[6, 7, 8]
company	1	====>	[8]
junk	1	====>	[8]
star	3	====>	[1, 1, 3]
vein	1	====>	[9]
deserv	1	====>	[9]
ago	1	====>	[2]
push	1	====>	[8]

Part 3b Output :

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#First query output :

- 1: Inverted Index Creation
- 2: Execute the query

Kindly select options from above : 2

Kindly provide path of the document set (including name) :/Users/tejasvibelsare/Library/Mobile Documents/com~apple~CloudDocs/Fall 2018/Search Engines/HW1 documents.txt  
Kindly provide the query :asus AND google

Common documents in which both the words are present :  
DOC 8  
DOC 1

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#Second query output :

- 1: Inverted Index Creation
- 2: Execute the query

Kindly select options from above : 2

Kindly provide path of the document set (including name) :/Users/tejasvibelsare/Library/Mobile Documents/com~apple~CloudDocs/Fall 2018/Search Engines/HW1 documents.txt  
Kindly provide the query :screen AND bad

Common documents in which both the words are present :  
DOC 3

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#Third query output :

- 1: Inverted Index Creation
- 2: Execute the query

Kindly select options from above : 2

Kindly provide path of the document set (including name) :/Users/tejasvibelsare/Library/Mobile Documents/com~apple~CloudDocs/Fall 2018/Search Engines/HW1 documents.txt  
Kindly provide the query :great AND tablet

Common documents in which both the words are present :  
DOC 2  
DOC 3  
DOC 10  
DOC 6