	Date
	Name: Tanaz Pathan
	ID: 102318056
	The septile and the septile an
4	Example:
	category Downers - "It rull
- Training	just plain boring
	Enthrely predictable and lacks energy
	no surprises and very fell laughs
	t very powerful
Tan	+ The most fun film of the summer
Test	predictable with no fun.
3	
	ond, lacks, energy, no, surprises, very, few, laughs,
	powerful the most from our as
	powerful, the most, fun, film, of, summers
>	Trons Training:
	P(C;) = NC; => P(-)= 3 and P(+)= 2
	000001.0- E25160000-11 1 1 7
	Dropping with as it is not there in the
	training document.
4	Likelihoods:-
	$P(w_j c) = count(w_j,c)+1$
	$(\omega_{c}^{2} count(\omega_{c}))+IVI$
	wes the control of th

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$$P('00'/-) = 1+1 = 2 = 1$$
 $10+20 = 84 = 14$

$$P('no'|+) = O+1 = 1$$
 $9+40 = 19$

$$P('Fun'|+) = 1+1 = 2$$
 $9+40$
 29

-

$$=$$
 3 \times 2 \times 2 \times 1 $=$ 0.00006
5 3u 3u 34

$$\frac{= 2 \times 1 \times 1 \times 2 = 0.000032}{5 \times 29 \times 29}$$

Thus, we conclude that the test set is of negative category as