	Mahrematics -1
	Palid
	Palindrome
	2,3,4,3,2 "int a = 23432
	" www who be with .
	huv= rev-10+id 0(100 (1)) no. of digits (100, 10+1)
	N=N/10 87ring length n→ O(n)
	GCD OF MCF
	The state of the s
	9 nt a = 24 b = 36
	G(D=12 O(min(a,b))
	(int i= min(a,b); i>1; i-){
	ig (9%)==0 l l b%===0)
	juturn ?
	1- 1.
	return!; Justin (ach) - acd (a-b) - acd (a-b)
	Euclid (aCD: q(a,b) = g(d(a-b,b) - g(d(a0/05))
+	azb
	ged (36,24) = ged (12,24) ged (7,2) = ged (5,2)
	a(d(12,24) = g(d(12,12) g(d(5)2) = g(d(5)2)
	gcd (12,12) - gcd (1,2) = gcd(1,1)
	aco (aco

(M & 2 Numbers. a - b limeax b saxb LINCE THE ged (a,6) Trailing Zews injudarial 5 = 5 X 4 X 3 X 2 X 1 = 120 2x5210 count no. of S wring in actorial 5/=/ 2 praling 10/=2 praling 15/=3 ... n/s= ams 20/=4 XX 125 X 100x.... 75X.... 50x...25 X...20 20 25 = 25 + 25 = 30 + 3/5 = 31 = 1

Date 10 unique Paths in a Grid: m syous 144 n-column 12 17 Lotal steps = m+ n anyhow that gerson needs to come down in i nes m+ n/m (m+n-1)+...(m+n-n)+m/

from m m

= (m+1)/m+2/(m+3)....(m+n)

1x2 x3...n. $\frac{\mathcal{D}(n)}{9^{n} \operatorname{res} = 1}$ $\int_{9}^{1} \operatorname{res} = \frac{1}{9} \operatorname{res} = \frac{1}{$ Squee will by warre no me was