No. : Date: Nama: Prames Pay Laptan NBW, 100810510020 - V Slide: 15 2y dx - xdy = 0 y= UX 24 dx = x dy y'= xu'+u 24/x = dy/dx xu'+u = 20 => xdu + udx = 20 dx xdu = u &x In |u| = In |x| + In c In 141 - In 1x1 + In C = 000 Inly = In | x2 | + Inc In 19 = In 1 cx2  $" = Cx^2$ dy/dx = x2+3y2 224 J= UX y' = 200' + V Xu, to = x2 2xy 2xy 24 = 1 + 30

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	2xu'+20 = 1+3v2	1/2/n/1+v2/ = 1/2/n/x/+/nc
	U	In (1+49×20) =  n 2001
	2×0'= 1+02	y2/x2 = x c-1
	U Variation	$y^{2} = (xc - 1)(x^{2})$
	2x du = 1+02	$y = \pm (x^3 c - x^2)^{1/2}$
	dz v	White Pic
	do = de	
	1+U2 2x	The second of the second of
		J.A
	$\int \frac{v}{1+v^2} dv = \int \frac{dx}{2x}$	4.32
	7 1	
3.)	dy/dx = y + 2xy	
	χ² Δ	
	y=0x	
	9'= xeu' +u	3 4 - 72 4 W M
	x 0 to = y2 + 2xy =>	$20'$ tu = $1^2$ + $20$
	χ <sup>2</sup> χ <sup>2</sup>	xn,= nzto
4.)	dy = x+3	* v) : .*
	da x-y	
	4:0x	do x= (1+20+02)
	9'= xu'to	du (1-U)
	xu'tu = xtzux	
	x-vx	(1-v) do= 1 doc
	201 = X+30X - UX + ULX	-2 - ln (u+1) = ln  x  + ln  c
THE PERSON NAMED AND POST OF THE PERSON NAMED IN COLUMN 2 IN COLUM	xi-uk	VH
	= 2+20x + U2x	$\frac{-2}{vH} : \ln \left  x \left( \frac{y}{x} + 1 \right) \right $
	x-0x	
	x(1-0)	-2 = In (Cy +cx)
	x(1-v)	<u>y +x</u>

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0		The Charles of Control of the Party
0	(y+x)	The Barbara and the Control of the C
0	x, = ln lcy + cx 1-1/2	The state of the s
	ytoc	1774
		The state of the s
5.	dy = x2 try + y2	148 148 (118) 2
	on re2	AND CONTROL OF THE PROPERTY OF
	yzvn	( do = C dre e)
	y'= xw'+u	1HU2 = dr
	dy = x2 + xy + y2	arctan (v) = ln (x) +c
	de x2 x2 x2	arctan (3) = In  K  +C
	xu'tu= 1+u+u2	$(\alpha)$
	xu' = 1 +u2	9 = tem (In 1x 1+c)
	x do = 1 + 12	x
	de	9= tan (Inlx 1 te) x
	Slide: 19	THE REY M. A.
1.	ye +24 = e-x	104 X,
	p(x)=2 r(x)=e-x	Fin ge = (x)9
	2 dr = 2 r + e	j++ 5"
	y= e-2x / se2x e-x dx +0	I mall the law a ele
	= e-2x ( Sex dx +c)	s Tytacy Y
	= e-x +(e-xx => SU	L. J. Franch
2.)	(xH) y'+y=x2-1	11921
0	y' +y = x2 - 1	
0	XH XH XH	2 (1)40)
0	P(x) = 1 = 1(x)	Le min (xH)
0	$P(x) = \frac{1}{x} \Rightarrow h(x) = \frac{1}{x}$	_ GX -Y 11-1-1

Note the second of the second	y=e-ln(xH) ((xH) -x2-1 dxx+c)
	(nti)
	$= \frac{1}{x^3} - x + c = 0$
	x+1 (3
	= x2 - x + c = + SU
	3(MH) XH XH
	A STATE OF THE STA
3.	y'ty tan x = Sec x
	$P(x) = Lan x = Ph(x) = \int con x dx = -ln   cos(x)  $
	y = e In leos cas (Se-In (coe(x)) sec x dx +c)
	= cos (x) ( soc (x) dx +c)
	$= (oe(x)) \left( \int \frac{1}{\cos(x)} dx + c \right)$
	= $(cos(x), tem(x) + (cos(x) => su$
4.)	11 1 2 2 2 Z
	$\frac{y'+2y}{xH}=(xH)^2$
	P(x) = 2 => h(x) = 2 [ _ dx = 2  n  x+1  + C
	$\frac{1}{2H} = \frac{1}{2} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} \ln \left( \frac{x}{x} \right) = \frac{1}{2H} \ln \left( \frac{x}{x} \right) + \frac{1}{2H} $
	y= p-In/xH12 ([pIn/xH12 (x+1)2 dx+()
	= 1 ( (nH)2 (xH)2 dx+c)
	(141)2
	= 1 ( [ [ [ ] ]
	(x+1)2
	$= \frac{1}{\sqrt{\sqrt{r}+c}} \Rightarrow \sqrt{r} = \frac{1}{\sqrt{r}}$
	(Nt1)2 5 (XH)2 (XH)2
	= (n+1) = c = >0
	s(xH)2 (xH)2

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	) > (			013918901	- M0731	
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	e-3x ( se 3x e			w),	6 July	-/
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-	e2x -37	=> Su	, j	12x-17/2		
	5					
<u> </u>	e2 + C	5e3=	£ + 50	ŀ	y=e2x +	- se3 - to
	5 e3	ςς <sup>3</sup> -	e5=50	X°	50	rese
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	9-1	v. 1 . /	r n de	xh)	= (1)	
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			) .4	10/0/-	10/14	
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