	KNN:
	View walls & we are a Apolima that
2	import numpy as rip
	import matplot li b. pyphot as plt
	from exclear dotosits import make class justion
	from skleaur neighborg import KNeighbor Clausipa
4	from sklean model selection import thain test up tit
har hall	Den Aklani Dere her cassing imbert & Landa I Scale
`	Bon Aklain Prefire cersing import & Landard Scale
Colonia St.	X. y = make delasis cation (m. 1 allen - 3 as die seat
	x,y=make_classification(n_sofler=200, n_gentures=2,
	n_clarrer = 2, random state = 42, n_informative = 2, n_relundant=0, n_repeated = 0
	12 Marsh Mars - 1 12 Marsh Mar
e A	N-train, x teet, y-train, y test = train test split (
	x, y, test-eige = 0.3, random + tat = 42)
	Oscales = Standard Scales ()
	X- Hair: scaler jit transform (x train)
-	X test = scales, transjohn (x test)
	Knn = KN eighbor Classifier (n-neighbor = 3)
	Knn gid (x-train, y-train)
	y-prod = Knn. pred of (x lest)
	1 2.02 L
, =	X-nin, xx-max = x teain [id, min()-1, x-tain
	[:, 0]. max () + 1
	Y-min, y-max = y-flein[:,1], min()-1, x-tain[:,1]
	-m ax()+1
-	XX, yy = mp. mesharid (np. arange (x min, x max, h)
	Masange Cynin, y-max, h)
	Z = Knn-predid Comp. c - [xx. navel (), yy. rauel ()
910	
	7 = Z. rushafe (XX. shape)
	plt. figure (fig. i g= (io, 6))
513	

plt. contout (xx, yy, 2, alpha=0,8) plt. scaller (z train [:, o], x train [:,1], C=y-kain, edge colors='K' maker-'o',
e=100, label='Train Dala', Cmap=pll.cm. plt. scotter(x-text [:, 0], x-text [:, 1], c= y= text, edge colos: 'k', marker = 'S', S = 100, label= Test Jody cmaß = pt. cm. coolwarm)

. plt. pille C" K - Nearat Neigerborn Decirir Boundi) plt. xlabel ('feature 1") plt. y label ("feutru 2") altitus to print 11 /001