	AI Lab Text 1 IBMRCSOBY Nituch Grang
abf	print instructions ():
	print based (pas)
	print ("as will me x")
	print ('c2 will use o')
	ontopositions are 123 45678 a"
	(lag: input() compfirst (flag)
	of print ("a[1]", "a[2]", "a[3]")
	print ("a[3]" "a[5]" "a[6]")  print ("a[3]", "a[8]", "a[a]")
	esomedil complirst (flag):  if flag =: S  stoort (ompliest ()  ilse
	print ("Invalid")
	ef start complist (): turn = 0
	Jon i in range (9):
	1 frem 12 = =0
_	grint (computer 1 is playing)
	il i==0;
	2-9
	pa [p] = V
	print board (pos)
	tuens 1 continue.

p= compusin (i) print board (pos) print ("Computer 2 wins"

det comprise (1)
il pos(1] == ""
The state of the s
eli) 905(3) = =
elif 905()
Yelliam 5
dif poss[9] == " pretuon 7 elif poss[9] == " return 9
elif posser] = return 9
i pos [5] = and i== 2:
return 1
possto] == "x" and possto] == "x" and posto] == "x"
] pos[t[o]] == "x" and pos[t[i]] == "x" and pos[t[i]] == "a"
return 1[2]
if pos[t[0]] = " " and pos[t[i]] == "x" and pos[t[2] = "x"
return t(0)
if possissed == "x" and possissed in and possissed in
return T[1]
for t in winning conditions:
for t in winning conditions:
vetuen t(27
- if pos[+(0)]== " and pos[+(1)]=="0" and pos[+[2]=="0"
ration (a)
- V bid
i) pos[]==""" and pos[]=="""
Yothaha 7
else retuen pos. index(" ")
10 max
the state of the s

checkwin (v): Winning conditions if (pos(i(o)), pos(iti)), pos(i(2)) == (v, v, v): Winner = player (0) break & winner = player [1] break & ilse winner = "nobody" Jel bogic (v): for t in winning-conditione: if postero] == "o" and posteri] == "o" and posteriz] == "

vetroin pt(2) return pt[2]

dif pos[t[0]]=="" and pos[t[i]=="o" and pos[t[i]=="o"

it[0] return (t[])

elif pos[t[o]] == "o" and pos[t[i]=="" and pos[t[i]==""