## Logic Specification Template

	ROMERO MEZA	Program # <u>7</u> _
Class Name	CalculadorP	
Design		
References		
References		
Method Name	calculaTDist	
Darametera		
Parameters	dXi representa el valor <code>double</code>	
	uni representa el valor <code>double</code>	
double dT;		
dT = Math.pow((	1 + (dXi*dXi)/iDof),dPotenciaDof)*dGammaConst;	
return dT;		
,		
Mathad Nama		
Method Name	calculaP	
Parameters		
double dW;		
double dW; int cont = 1;	W/NLura cook	
double dW; int cont = 1; dW = (double)(d		
double dW; int cont = 1; dW = (double)(d dSumP = dW/3*	calculaTDist(0);	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi =	calculaTDist(0); dW; dXi < dX; dXi+=dW){	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0)	calculaTDist(0); dW; dXi < dX; dXi+=dW){	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3*	calculaTDist(0); dW; dXi < dX; dXi+=dW){	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3* else{	calculaTDist(0); dW; dXi < dX; dXi+=dW){ ) 4*calculaTDist(dXi);	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3* else{	calculaTDist(0); dW; dXi < dX; dXi+=dW){	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3*; else{ dSumP+=dW/3*; } cont++;	calculaTDist(0); dW; dXi < dX; dXi+=dW){ ) 4*calculaTDist(dXi);	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3*; else{ dSumP+=dW/3*; } cont++; }	calculaTDist(0); dW; dXi < dX; dXi+=dW){ ) 4*calculaTDist(dXi); 2*calculaTDist(dXi);	
double dW; int cont = 1; dW = (double)(d dSumP = dW/3* for(double dXi = if((cont % 2)==0; dSumP+=dW/3*; else{ dSumP+=dW/3*; } cont++; }	calculaTDist(0); dW; dXi < dX; dXi+=dW){ ) 4*calculaTDist(dXi);	

Class Name	CalculadorX	
Design		
References		
Method Name	calculaX	
Parameters		
	dP es el <code>double</code>	
	iDof es el <code>int</code>	
:(( ID   0)(		
$if(dP != 0){$ dX1 = 0;		
boolean sumand	do = true:	
	CalculadorE(dX1,iDof);	
dX2 = dX1 + dD		
ceCalcE.setX(d)		
dP2 = ceCalcE.g		
while(Math.abs(	$dX1-dX2) > dE){$	
dX1 = dX2;	oumanda) II (dD2 - dD 8.8 Jaumanda))(	
dD = dD/-2.0;	sumando)    (dP2 < dP && !sumando)){	
sumando = !sum	nando:	
}	iunuo,	
dX2 = dX1 + dD		
ceCalcE.setX(d)		
dP2 = ceCalcE.g	getP();	
}		
dX = dX2;		
}		
else{ $dX = 0$ ;		
\delta\text{\tint{\text{\tin}\text{\tex{\tex		
}		
Method Name	_print()	
Parameters		
Calan	**************************************	
<pre>System.out.println("p = "+ String.format("%.5f", dP)); System.out.println("dof = "+iDof);</pre>		

```
System.out.println("x = "+String.format("%.5f", dX));
```

Class Name	CalculadorE
Design References	
References	
Method Name	setX
Parameters	
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public void setX( this.dX = dX; calculaP();	double dX){
}	