Probability and Statistics (IT302) Lab Program-6 Test Cases

Reg. No 181067181IT102 - 181762181IT141

Test Cases

1. m =6,   n= 6,   o=6,   a=4
2. m=6,   n=-5,   o=4,   a=3
3. m=7,   n=6,   o=6,   a=5
4. m=5,   n=3,   o=3,   a=5
5. m=4,   n=4,   o=4,   a=4
6. m=3,   n=3,   o=3   a=5

Intermediate Results: $E(XY)$, μ_X, μ_Y

Reg. No 181481181IT143 - 181034181IT232

Test Case-1

$f(x,y)$		x		
		2	4	6
	1	0.4	0.4	0.2
y	3	0.4	0.2	0.4
	5	0.2	0.4	0.4

Test Case-2

$f(x,y)$		x		
		3	6	9
	3	0.1	0.6	0.3
y	5	0.2	0.5	0.3
	7	0.3	0.3	0.6

Test Case-3

$f(x,y)$		x		
		2	3	4
	4	0.4	0.4	0.2
y	5	0.4	0.2	0.4
	6	0.2	0.4	0.4

Test Case-4

$f(x,y)$		x		
		4	5	6
	2	0.1	0.6	0.3
y	3	0.2	0.5	0.3
	4	0.3	0.3	0.6

Test Case-5

$f(x,y)$		x		
		4	5	6
	4	0.2	0.4	0.2
y	5	0.5	0.2	0.4
	6	0.2	0.4	0.4

Test Case-6

$f(x,y)$		x		
		4	3	5
	2	0.1	0.5	0.4
y	3	0.2	0.5	0.3
	4	0.3	0.3	0.6

Intermediate Results: $E(XY)$, μ_X, μ_Y

Probability and Statistics (IT302) Lab Program-6 Test Cases

Reg. No 1181579181IT233 - 181047181IT254, 15645415IT206

Test Case-1

f(x,y)	x	
	1	5
5	0.2	0.8
y 4	0.8	0.2
3	0.7	0.3

Test Case-2

f(x,y)	x	
	4	5
1	0.5	0.5
y 2	0.6	0.4
3	0.3	0.7

Test Case-3

f(x,y)	x	
	1	3
3	0.5	0.5
y 4	0.4	0.6
5	0.3	0.7

Test Case-4

f(x,y)	x	
	4	5
1	0.4	0.6
y 2	0.6	0.4
3	0.5	0.5

Test Case-5

f(x,y)	x	
	3	7
3	0.5	0.5
y 4	0.4	0.6
5	0.3	0.7

Test Case-6

f(x,y)	x	
	6	5
7	0.4	0.6
y 3	0.6	0.4
2	0.5	0.5

Intermediate Results: $E(XY)$, μ_X, μ_Y