

```
f(x,y) = f(3,1) + \frac{1}{3} [(x-1) fx(1,1) + (y-1) fy(1,1)]
+ \frac{1}{31} [(x-1)^{2} fxx(3,1) + 1(x-1) (y-1) fxy(1,1)
+ (y-1)^{2} fyy(1,1)] + \dots = \emptyset
f(x,y) = 0 + 1[(x-1)0 + (y-1)1] + 1[(x-1)^{2} 0 + 2(x-1)]
(y-1) + (y-1)^{2} (-1)] + \dots = \emptyset
f(x,y) = 0 + 0 + (y-1) + (x-1) (y-1) - (y-1)^{2} + \dots = \emptyset
f(x,y) = (y-1) + (x-1)(y-1) - (y-1)^{2} + \dots = \emptyset
smita sninde
208cs4643
```