| INPUTS | PROCESSES | OUTPUT |
| --- | --- | --- |
| Principle amount | If principle > 100000 and maturity = 5 | Principle amount |
| Maturity | Interest rate = 0.06 | Interest rate |
|  | If principle > 50000 and maturity = 10 | First year |
|  | Interest rate = 0.05 |  |
|  | If principle > 50000 and maturity = 5 |  |
|  | Interest rate = 0.04 |  |
|  | else: |  |
|  | Interest rate = 0.02 |  |
|  | First year = principal x interest rate |  |