

N. of shares	1000000
Cost of equity	0.05
Div_1	2
Div_1_tot	2000000
Repurchases_1_tot	1000000
Growth rate div	0.03
Growth rate div+rep	0.02

DIVIDEND-DISCOUNT MODEL

Share price	100
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TOTAL PAYOUT MODEL

PV(total payout)	100000000
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Share price	100
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STATEMENT OF CASH FLOW

31-Dec-23

Operating Activities

Net Income	2800000
Adjustments for Non-Cash Items	
Depreciation Expense	100000
Changes in Working Capital	
(Increase) Decrease in Accounts Receivable	-50000
(Increase) Decrease in Inventory	-20000
Increase (Decrease) in Accounts Payable	3000

Net Cash Provided by Operating Activities **2833000**

Investing Activities

Purchase of Property, Plant & Equipment	-200000
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Net Cash Used in Investing Activities **-200000**

Financing Activities

Proceeds from Issuance of Debt	100000
Repayment of Debt	-50000

Net Cash Provided by Financing Activities **50000**

Net Increase in Cash **190000**

Cash at Beginning of Period 310000

Cash at End of Period **500000**

SCENARIO 1: FCF GROW AT CONSTANT RATE

Market value of equity	98000000
Market value of debt	8000000
Tax rate	0.18
Cost of equity	0.05
Cost of debt	0.03
Growth rate of cash flow	0.01
N. of shares	1000000

DISCOUNTED FREE C.
FCF 2024
R_WACC
PV(future free cash flow)
Share price

SCENARIO 2: FCF WITH LONG-TERM CONSTANT GROWTH

Market value of equity	98000000
Market value of debt	8000000
Tax rate	0.18
Cost of equity	0.05
Cost of debt	0.03
Growth rate of cash flow 2024	-0.005
Growth rate of cash flow 2025	0.015
Growth rate of cash flow 2026	0.005
Growth rate of cash flow from 2027	0.01
N. of shares	1000000

DISCOUNTED FREE C.
FCF 2024
FCF 2025
FCF 2026
FCF 2027
R_WACC
PV(future free cash flow)
Share price

ASH FLOW MODEL

2659330
0.04808302
69829810.7
62.3298107

ASH FLOW MODEL

2619835

2659132.53
2672428.19
2699152.47
0.04808302

68803093.5
61.3030935