{

  "bond\_name": "HDFC AAA 2028",

  "face\_value": 1000,

  "coupon\_rate": 0.07,

  "rating": "AAA",

  "purchase\_amount": 1000,

  "maturity\_years": 3

}

o/p:

{

"bond\_name": "HDFC AAA 2028",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 5.42,

"final\_value": 10.7,

"roi\_percent": 5.42,

"total\_interest": 0.7

},

"3\_years": {

"annualized\_return": 6.03,

"final\_value": 12.1,

"roi\_percent": 19.21,

"total\_interest": 2.1

},

"5\_years": {

"annualized\_return": 5.87,

"final\_value": 13.5,

"roi\_percent": 33.0,

"total\_interest": 3.5

}

},

"coupon\_rate": 0.07,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 3,

"price\_per\_fraction": 10.15,

"rating": "AAA"

}

{

"bond\_name": "GoI G-Sec 2030",

"face\_value": 1000,

"coupon\_rate": 0.065,

"rating": "SOVEREIGN",

"purchase\_amount": 1000,

"maturity\_years": 5

}

o/p:

{

"bond\_name": "GoI G-Sec 2030",

"buyer\_returns": {

"1\_years": {

"annualized\_return": -1.39,

"final\_value": 10.65,

"roi\_percent": -1.39,

"total\_interest": 0.65

},

"3\_years": {

"annualized\_return": 3.43,

"final\_value": 11.95,

"roi\_percent": 10.65,

"total\_interest": 1.95

},

"5\_years": {

"annualized\_return": 4.17,

"final\_value": 13.25,

"roi\_percent": 22.69,

"total\_interest": 3.25

}

},

"coupon\_rate": 0.065,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 5,

"price\_per\_fraction": 10.8,

"rating": "SOVEREIGN"

}

{

"bond\_name": "Tata Infra Bond 2029",

"face\_value": 1000,

"coupon\_rate": 0.085,

"rating": "A",

"purchase\_amount": 1000,

"maturity\_years": 4

}

o/p:

{

"bond\_name": "Tata Infra Bond 2029",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 6.9,

"final\_value": 10.85,

"roi\_percent": 6.9,

"total\_interest": 0.85

},

"3\_years": {

"annualized\_return": 7.33,

"final\_value": 12.55,

"roi\_percent": 23.65,

"total\_interest": 2.55

},

"5\_years": {

"annualized\_return": 7.02,

"final\_value": 14.25,

"roi\_percent": 40.39,

"total\_interest": 4.25

}

},

"coupon\_rate": 0.085,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 4,

"price\_per\_fraction": 10.15,

"rating": "A"

}

{

  "bond\_name": "Vedanta BBB+ 2030",

  "face\_value": 1000,

  "coupon\_rate": 0.10,

  "rating": "BBB+",

  "purchase\_amount": 1000,

  "maturity\_years": 5

}

o/p:

{

"bond\_name": "Vedanta BBB+ 2030",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 8.37,

"final\_value": 11.0,

"roi\_percent": 8.37,

"total\_interest": 1.0

},

"3\_years": {

"annualized\_return": 8.6,

"final\_value": 13.0,

"roi\_percent": 28.08,

"total\_interest": 3.0

},

"5\_years": {

"annualized\_return": 8.12,

"final\_value": 15.0,

"roi\_percent": 47.78,

"total\_interest": 5.0

}

},

"coupon\_rate": 0.1,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 5,

"price\_per\_fraction": 10.15,

"rating": "BBB+"

}

{

"bond\_name": "Adani Ports BB 2032",

"face\_value": 1000,

"coupon\_rate": 0.12,

"rating": "BB",

"purchase\_amount": 1000,

"maturity\_years": 7

}

o/p:

{

"bond\_name": "Adani Ports BB 2032",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 3.7,

"final\_value": 11.2,

"roi\_percent": 3.7,

"total\_interest": 1.2

},

"3\_years": {

"annualized\_return": 7.99,

"final\_value": 13.6,

"roi\_percent": 25.93,

"total\_interest": 3.6

},

"5\_years": {

"annualized\_return": 8.18,

"final\_value": 16.0,

"roi\_percent": 48.15,

"total\_interest": 6.0

}

},

"coupon\_rate": 0.12,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 7,

"price\_per\_fraction": 10.8,

"rating": "BB"

}

{

"bond\_name": "Startup Fin B 2031",

"face\_value": 1000,

"coupon\_rate": 0.14,

"rating": "B",

"purchase\_amount": 1000,

"maturity\_years": 3

}

o/p:

{

"bond\_name": "Startup Fin B 2031",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 5.56,

"final\_value": 11.4,

"roi\_percent": 5.56,

"total\_interest": 1.4

},

"3\_years": {

"annualized\_return": 9.55,

"final\_value": 14.2,

"roi\_percent": 31.48,

"total\_interest": 4.2

},

"5\_years": {

"annualized\_return": 9.5,

"final\_value": 17.0,

"roi\_percent": 57.41,

"total\_interest": 7.0

}

},

"coupon\_rate": 0.14,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 3,

"price\_per\_fraction": 10.8,

"rating": "B"

}

{

"bond\_name": "RealEstate CCC 2033",

"face\_value": 1000,

"coupon\_rate": 0.18,

"rating": "CCC",

"purchase\_amount": 1000,

"maturity\_years": 5

}

o/p:

{

"bond\_name": "RealEstate CCC 2033",

"buyer\_returns": {

"1\_years": {

"annualized\_return": 9.26,

"final\_value": 11.8,

"roi\_percent": 9.26,

"total\_interest": 1.8

},

"3\_years": {

"annualized\_return": 12.56,

"final\_value": 15.4,

"roi\_percent": 42.59,

"total\_interest": 5.4

},

"5\_years": {

"annualized\_return": 11.96,

"final\_value": 19.0,

"roi\_percent": 75.93,

"total\_interest": 9.0

}

},

"coupon\_rate": 0.18,

"face\_value": 1000.0,

"fractions": 100,

"maturity\_years": 5,

"price\_per\_fraction": 10.8,

"rating": "CCC"

}