Chapter 1

First Chapter

Mathematical programming is also known as operation research. Mathematical programming is divided into two parts. Namely, Linear mathematical programming and Non-linear mathematical programming. Let us look at an example.

Example. Pen Industry

Model:	A_1	A_2	Total Availability (per day)
Man power/labor: Raw materials:			100 h 120 kg
Profit(Tk):	5	5	

Model this problem.