

CS110: Computer Programming Lab
Department of CSE
IIT, Guwahati

Module 02 Stage 03 Exercise 15

Problem description

A chessboard is made of 64 squares. A person has 100 truckloads of wheat.

A truck holds 2000 bags of wheats; each bag can hold 100 kilograms. A gram of wheat had 25 grains.

A group of babas arrive seeking alum. The person allocates a square to each baba and offers to give 1 grain to the baba for square 1. Double that amount to baba 2. Double of second baba to baba three. So on.

How many babas will receive some alum from the person? How much will be received by the last baba?