**K L UNIVERSITY**

**FRESHMAN ENGINEERING DEPARTMENT**

**A Project Based Lab Report**

**On**

**SURAJ SHOPPING IN WINTER SUPER SALE**

**SUBMITTED BY:**

170031482 SHAIK ZAKEER HUSSAIN

170031494 YERNENI CHARAN KUMAR

170031488 UPPADA MAHESH BABU

170031507 GORTHI SAI SATYA MANASA

**UNDER THE ESTEEMED GUIDANCE OF**



**KL UNIVERSITY**

Green fields, Vaddeswaram – 522 502

Guntur Dt., AP, India.

**ABSTRACT**

A shopping mall has to give the super sale offers “BUY 2 GET 2” for there customers in winter. Whatever the items may be they charge for the cost for costliest from an order and give the cheapest ones free. However we can divided the items into save more. Now problem is given a list of prices how do we calculate the minimum amount we need to play?

This is a simple algorithm. We just need to sort all the prices in descending order and group them into 4 per order might contains less than 4 items.

Required conditions for the program are: 1<=T<=1000 1<=N<=1000

1<=Cost of items<=1000