**CSE 225L – Data Structures and Algorithms Lab**

**Midterm-1, Total Marks – 20, Time – 1 Hour**

* The policy of a retailer shop is to serve the last customer first. Therefore, last customer came to cash counter and ask for his/her bill. Cashier asks customer to pay **950** taka following company policy. According to policy customers can only pay **50,100,500** taka’s note and they have to use minimum number of notes to pay the bill. Now write a program to help the customer for paying the bill. You have to help customer by showing **required minimum number of notes with the name of the notes**.

**Sample output :**

Required minimum note : 6

Notes are : 50 100 100 100 100 500

Note : Consider that customer has a bundle of 50,100 and 500 taka.

You may require casting int value to string. For type casting you may take help from following code:

# include <sstream>

string intToString(int a) {

std::stringstream ss;

int i = a;

std::string s;

ss<<i;

ss>>s;

return s;

}