There are 'X' bags. and 'N' coins of one rupee. These 'N' coins should be arranged in into these 'X' bags in any denomination, in such a way that when you are asked to give a certain no: of coins, u should be able to give by picking few bags and tell , here it is, say for eg: if asked 60 u should be able to give 60 by picking 4 or bags, like that if asked 1 coin also u should be able to give in similar manner. How it can be arranged?

2^(x-1) <= N

x is as max as possible.

Example: 2^6 <=100

x-1=6

x=7.

For(i=0;t!=0;i++)

{

If(t%2==0)

A[i]=t/2;

Else

A[i]=t/2 + 1;

T=t-a[i];

Printf(“%d”,a[i]);

}

Printf(“ \n enter the number of coins required ( less than

Scanf(“%d”,&x);

Printf(“\n the combination for %d is”,x);

For(i=0;x!=0;i++)

{

If(x>=a[i])

{

X=x-a[i];

Pritnf(“%d”,a[i]);

If(x!=0)

Printf(“+”);

}

}

Return 0;