**#include <bits/stdc++.h>**

**using namespace std;**

**void Merge(int arr[],int low,int mid, int high)**

**{**

**int i = low, j = mid + 1 , k = 1 , temp[100];**

**while(i<=mid&&j<=high)**

**{**

**if(arr[i]>arr[j])**

**{**

**temp[k] = arr[i];**

**i=i+1;**

**k=k+1;**

**}**

**else**

**{**

**temp[k] = arr[j] ;**

**j=j+1;**

**k=k+1;**

**}**

**}**

**while(i<=mid)**

**{**

**temp[k] = arr[i] ;**

**i=i+1;**

**k=k+1;**

**}**

**while(j<=high)**

**{**

**temp[k] = arr[j] ;**

**j=j+1;**

**k=k+1;**

**}**

**for(i=low,k=1;i<=high;i=i+1,k=k+1)**

**{**

**arr[i] = temp[k];**

**}**

**}**

**void divide(int arr[],int low,int high)**

**{**

**if(low<high)**

**{**

**int mid = (low+high)/2;**

**divide(arr,low,mid);**

**divide(arr,mid+1,high);**

**Merge(arr,low,mid,high);**

**}**

**}**

**int main()**

**{**

**int n,year,month,day;**

**cin >> n ;**

**int arr[n][3];**

**int position[n];**

**int age[n],temp[n];**

**cout<<"Day: Month(30days): Year(365 Days)"<<"\n";**

**for(int i=1;i<=n;i++)**

**{**

**position[i]=i;**

**for(int j=1;j<=3;j++)**

**{**

**cin>>arr[i][j];**

**if(j==1)**

**{**

**day=arr[i][j];**

**}**

**if(j==2)**

**{**

**month=arr[i][j]\*30;**

**}**

**if(j==3)**

**{**

**year=arr[i][j]\*365;**

**}**

**}**

**age[i]=(year+month+day);**

**temp[i]=age[i];**

**}**

**divide(age,1,n);**

**cout<<"After Sorting"<<"\n";**

**for(int i=1;i<=n;i=i+1)**

**{**

**for(int j=1;j<=n;j++)**

**{**

**if(age[i]==temp[j])**

**{**

**cout<<(age[i]%365)%30<<" "<<(age[i]%365)/30<<" "<<age[i]/365<<" ";**

**cout<<" position was "<<position[j]<<"\n";**

**position[j]=0;**

**temp[j]=0;**

**}**

**}**

**}**

**return 0;**

**}**