

```
#include<iostream>

using namespace std;

int main (){

int a,x,y,z,sum=0,sum1=0,sum2=0;

cin>>a;

for(int i=1;i<=a;i++){

    cin>>x>>y>>z;

    sum+=x;

    sum1+=y;

    sum2+=z;

}

if(sum==0&&sum1==0&&sum2==0){

    cout<<"YES";

}

else{

    cout<<"NO";

}


return 0;

}
```