9 4 1 => 9 5

9 8 7 5 5 4 1

S1 – S2

9=> 4+1

9 => 5

9 => 5+5

9=>10

9+5 =>10

14=>10

14=>10+7

14=>17

14+4=>17+4 (4=8/2)

18=>21

Subtract =3; (21-18)

If(abs(s1-s2)>= a[i] || a[i]%2 == 1){

Min(s1,s2) += a[i];

}else{

Min(s1,s2) += a[i]/2;

}