Problem Link:

<https://codeforces.com/problemset/problem/1342/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--)
* {
* **long** **long** x, y, a, b;
* cin >> x >> y >> a >> b;
* **long** **long** min\_val = min(x, y);
* **long** **long** max\_val = max(x, y);
* **long** **long** cost = min(b, 2 \* a) \* min\_val + a \* (max\_val - min\_val);
* cout << cost << endl;
* }
* **return** 0;
* }