

for (i=0 i<(1<<n) i++)

for(k=0 k<n k++)

if(i & (1<<k))

take iB(k)

$$O(2^n \cdot q)$$

$$\begin{array}{r} 70101 \\ + 00100 \\ \hline 00100 \end{array}$$

2 2

45

2

$$W = a16$$

$$b = v - a$$

6

$$O(2^{\frac{n}{2}} \cdot q \cdot n)$$

```
52 void prepare()
53 {
54     bruteforce(0,1,n/2,0);
55     bruteforce(n/2,n/2+1,n,0);
56     PII tmp(1000000000,40);
57     sort(V2.begin(),V2.end());
```

```

void solve()
{
    for(unsigned int i=0;i<V1.size();i++){
        PII find(c-V1[i].first,0);
        it=lower_bound(V2.begin(),V2.end(),find );
        PII tmp = *it;
        if(V1[i].first + tmp.first == c)answer=min(answer,V1[i].second + tmp.second);
    }
}

```

(, ()