**class** **Solution** {

**public**:

**int** **numTeams**(vector<**int**>& rating) {

**int** ans = 0;

**for**(**int** i=1;i<rating.size()-1;++i){

**int** l=0,r=0;

**for**(**int** j=0;j<i;++j)

**if**(rating[j]<rating[i]) l++;

**for**(**int** j=i+1;j<rating.size();++j)

**if**(rating[j]>rating[i]) r++;

ans += l\*r+(i-l)\*(rating.size()-i-r-1);

}

**return** ans;

}

};