**CS/IV/18-20**

#include<iostream>

#include<algorithm>

#include<vector>

using namespace std;

class florist

{

int n, k;

vector<int> a;

public:

void getData();

int flower();

void showData();

};

void florist::getData()

{

cin>>n>>k;

int temp;

for(int i=0; i<n; ++i)

{

cin>>temp;

a.push\_back(temp);

}

}

int florist::flower()

{

sort(a.begin(), a.end());

int cost=1;

int ans=0;

for(int i=n-1; i>=0; --i)

{

cost=(n-i-1)/k+1;

ans+=cost\*a[i];

}

return ans;

}

void florist::showData()

{

cout<<flower();

}

int main()

{

florist ob;

ob.getData();

ob.showData();

return 0;

}