//sum of even nos in an array;

#include<iostream>

using namespace std;

class small

{

short int list[10], n;

public:

small()

{

cout<<"enter the value of n";

cin>>n;

cout<<"enter the elements in the array\n";

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

cin>>list[i];

show();

process();

}

void show()

{

cout<<"element in the array are\n";

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

cout<<list[i];

}

void process ()

{

int sum =0;

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

{

if(list[i]%2==0)

sum = sum +list[i];

}

cout<<"the sum is "<<sum;

}

};

int main()

{

small s;

}

//selection sort

#include<iostream>

using namespace std;

class select

{

short int list, n;

public:

select()

{

cout<<"enter the value of n";

cin>>n;

cout<<"enter the elements in the array\n";

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

cin>>list[i];

sort();

display();

}

void sort()

{

// function to sort using selection sort

}

void show()

{

cout<<"element in the array are\n";

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

cout<<list[i];

}

};

int main()

{ select s;

}

// Palindrome

class number

{

short int num;

public:

number()

{

cout<<"enter the value of n";

cin>>num;

int temp = num;

int newno=0;

while(num>0)

{

newno= newno\*10+ num%10;

num= num /10;

}

cout<"the reversed no is "<<newno;

if(newno==temp)

cout<<"it is a palindrome";

else

cout<<"not a palindrome";

}

};

int main()

{

number n;

}