**66.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

int size\_3598=0;

cout<<"Please\_ENTER\_how\_many\_numbers\_you\_will\_input: ";

cin>>size\_3598;

int input\_3598[size\_3598]; //store\_the\_array;

cout<<"Please\_ENTER\_the\_numbers: "<<endl;

for (int i\_3598=0; i\_3598<size\_3598; ++i\_3598) //loop\_for\_array\_number;

{

cin>>input\_3598[i\_3598];

}

//I\_start\_the\_loop\_for\_determination\_of\_the\_same\_numbers

int max\_count\_3598=0, max\_num\_3598, count\_3598;

for (int p\_3598=0; p\_3598<size\_3598; p\_3598++)

{ count\_3598=1;

for (int z\_3598=p\_3598+1; z\_3598<size\_3598; z\_3598++)

{

if (input\_3598[p\_3598]-input\_3598[z\_3598]==0) //repeated\_number

{

count\_3598=++count\_3598; //counter\_starts

}

}

if (max\_count\_3598<count\_3598)

{

max\_count\_3598=count\_3598;

max\_num\_3598=input\_3598[p\_3598];

}

}

if (max\_count\_3598==1)

{

cout<<"NO\_most\_repeated\_number!"<<endl;

}

else

{

cout<<endl<<"The\_most\_repeated\_number\_is\_: "<<max\_num\_3598<<endl;

}

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

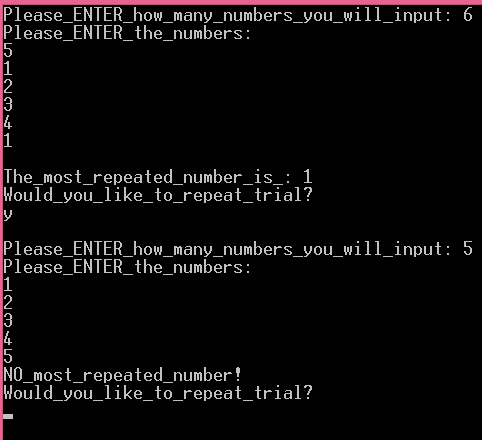
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**67.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_size\_3598=0;

int array\_3598[array\_size\_3598];

cout<<"\_Please\_enter\_how\_many\_numbers\_to\_sort\_: \n";

cin>>array\_size\_3598;

int size\_store\_3598=array\_size\_3598; //I\_store\_array\_size

int size\_2\_3598=array\_size\_3598; //also\_store\_array\_size

cout<<endl;

cout<<"and\_now\_enter\_the\_numbers\_please:\_\_";

for (int i\_3598=0; i\_3598<array\_size\_3598; ++i\_3598)

{

cin>>array\_3598[i\_3598];

cout<<endl;

}

for (int z\_3598=0; z\_3598<size\_store\_3598; ++z\_3598) //here\_I\_open\_outer\_loop;

{

for (int d\_3598=0; d\_3598<size\_store\_3598; ++d\_3598) //inner\_loop;

{

if (array\_3598[d\_3598]>array\_3598[z\_3598])

{

//now\_if\_the\_condition\_is\_valid\_I\_change\_them

int store\_3598;

store\_3598=array\_3598[z\_3598];

array\_3598[z\_3598]=array\_3598[d\_3598];

array\_3598[d\_3598]=store\_3598;

}

}

}

cout<<"The\_sorted\_array\_is\_:"<<endl;

for (int p\_3598=0; p\_3598<size\_2\_3598; ++p\_3598) //loop\_for\_the\_output\_

{cout<<array\_3598[p\_3598]<<endl;}

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

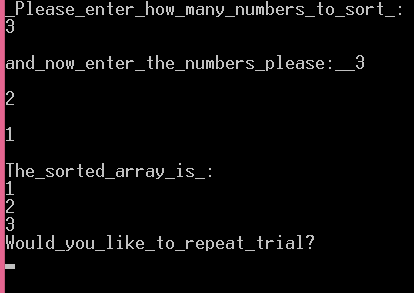
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**68.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

int size\_3598=0, num\_3598[size\_3598];

double sum\_3598=0;

cout.setf(ios::fixed);

cout.setf(ios::showpoint);

cout.precision(3);

cout<<"Please\_ENTER\_how\_many\_numbers: ";

cin>>size\_3598;

cout<<endl;

cout<<"Enter\_\_the\_\_numbers\_\_: ";

for (int i\_3598=0; i\_3598<size\_3598; ++i\_3598)

{

cin>>num\_3598[i\_3598];

sum\_3598+=num\_3598[i\_3598];

}

cout<<endl<<"Average\_\_is\_: "<<sum\_3598/size\_3598<<endl;

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

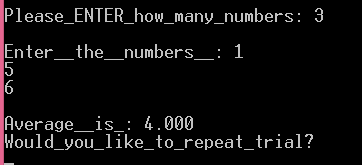
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**69.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

int size\_3598=0, num\_3598[size\_3598], max\_3598, min\_3598;

int a\_3598;

cout<<"Please\_ENTER\_how\_many\_numbers: ";

cin>>a\_3598;

cout<<endl;

cout<<"Enter\_\_the\_\_numbers\_\_: ";

size\_3598=a\_3598; //I\_store\_the\_value\_of\_array\_size;

int b\_3598=a\_3598; //I\_store\_it\_again\_for\_the\_inner\_for\_loop\_of\_the\_second\_for\_loop;

for (int i\_3598=0; i\_3598<size\_3598; ++i\_3598)

{

cin>>num\_3598[i\_3598]; //here\_array\_numbers\_input;

}

for (int y\_3598=0; y\_3598<a\_3598; ++y\_3598) //comparison\_between\_numbers\_start;

{

max\_3598=num\_3598[y\_3598]; //I\_assign\_the\_maximum\_and\_minimum\_values\_as\_equal\_to\_initial\_array\_number;

min\_3598=num\_3598[y\_3598];

for (int z\_3598=0; z\_3598<b\_3598; ++z\_3598)

{

if (min\_3598>num\_3598[z\_3598]) //the\_smallest\_number\_will\_be\_defined

{

min\_3598=num\_3598[z\_3598];

}

else if (max\_3598<num\_3598[z\_3598]) //the\_biggest\_number\_will\_be\_defined

{

max\_3598=num\_3598[z\_3598];

}} }

cout<<endl<<"MIN\_\_is\_: "<<min\_3598<<endl;

cout<<"MAX\_is: "<<max\_3598<<endl;

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

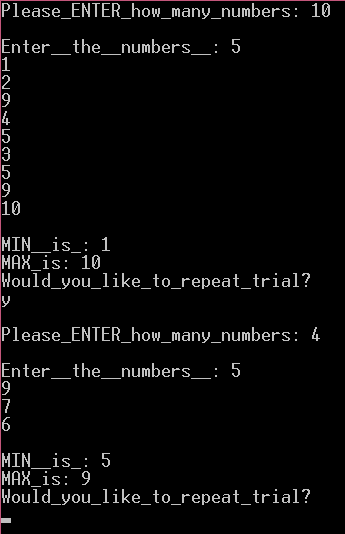
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**70.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

int array\_3598[4];

for (int i\_3598=0; i\_3598<4; ++i\_3598)

{

cout<<"\_\_Please\_input\_the\_integer\_number\_: \n";

cin>>array\_3598[i\_3598];

cout<<endl;

}

for (int z\_3598=0; z\_3598<4; ++z\_3598) //here\_I\_open\_outer\_loop;

{

for (int d\_3598=0; d\_3598<4; ++d\_3598) //inner\_loop;

{

if (array\_3598[d\_3598]>array\_3598[z\_3598])

{

//now\_if\_the\_condition\_is\_valid\_I\_change\_them

int store\_3598;

store\_3598=array\_3598[z\_3598];

array\_3598[z\_3598]=array\_3598[d\_3598];

array\_3598[d\_3598]=store\_3598;

}

}

}

cout<<endl<<"The\_sorted\_array\_is\_:"<<endl<<array\_3598[0]<<endl<<array\_3598[1]<<endl<<array\_3598[2]<<endl<<array\_3598[3]<<endl;

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

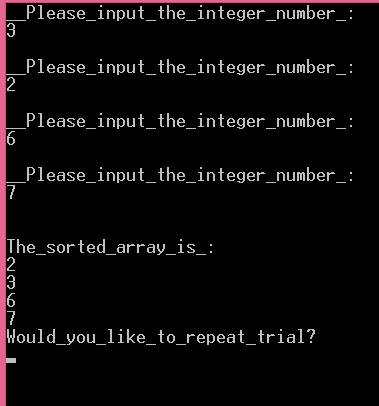
cin>>ans\_3598;

cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}

**71.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_3598[4]; //array\_with\_size=4;

cout<<"Please\_input\_the\_integer\_\_v@lues\_: "<<endl;

for (int i\_3598=0; i\_3598<4; ++i\_3598 ) //the\_loop\_for\_input\_data;

{

cin>>array\_3598[i\_3598];

}

int store\_2\_3598=0; //I\_store\_the\_value\_of\_array\_3598[2];

int store\_1\_3598=0, store\_0\_3598=0;

store\_0\_3598=array\_3598[0];

store\_1\_3598=array\_3598[1];

store\_2\_3598=array\_3598[2];

array\_3598[1]=3; //second\_number\_should\_be\_3;

cout<<endl<<store\_0\_3598<<endl<<array\_3598[1]<<endl<<store\_1\_3598<<endl<<store\_2\_3598<<endl;

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

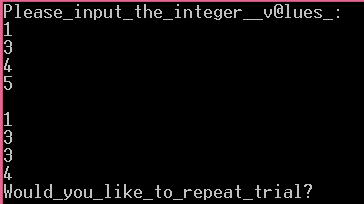
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**72.**

#include <iostream>

#include <ctime>

#include <cstdlib>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_3598[10]; //array\_declaration;

srand((unsigned)time(0));

for (int i\_3598=0; i\_3598<10; ++i\_3598)

{

array\_3598[i\_3598]=1+rand()%50;

cout<<array\_3598[i\_3598]<<endl;

}

int num\_3598;

cout<<"Please\_input\_the\_value\_you\_want\_to\_find: ";

cin>>num\_3598;

int n\_3598=0; //counts\_numbers

for (int z\_3598=0; z\_3598<10; ++z\_3598)

{

if (array\_3598[z\_3598]==num\_3598) //if\_it\_finds\_similar\_number

{

cout<<num\_3598<<"\_is\_in\_the\_slot\_# "<<z\_3598+1<<endl;

n\_3598=n\_3598+1; //counts\_for\_the\_purpose\_not\_to\_display\_another\_condition

}

}

if (n\_3598==0)

{

cout<<"The\_value\_is\_not\_within\_the\_array!\n";

}

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

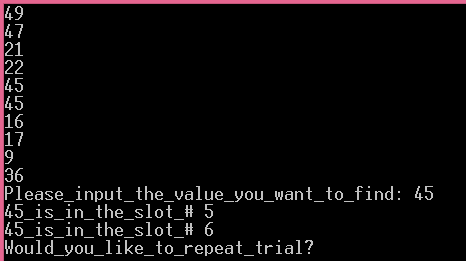
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**73.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_3598[10]; //array\_declaration;

cout<<"\_\_\_\_Please\_input\_10\_numbers\_: \n";

for (int i\_3598=0; i\_3598<10; ++i\_3598) //loop\_for\_input;

{

cin>>array\_3598[i\_3598];

}

cout<<"Array\_\_is: ";

for (int i\_3598=0; i\_3598<10; ++i\_3598) //loop\_for\_display\_the\_array

{

cout<<array\_3598[i\_3598]<<" ";

}

int num\_3598;

cout<<"\nPlease\_input\_the\_value\_you\_want\_to\_find: ";

cin>>num\_3598;

int n\_3598=0; //counts\_numbers

for (int z\_3598=0; z\_3598<10; ++z\_3598)

{

if (array\_3598[z\_3598]==num\_3598) //if\_it\_find\_similar\_number

{

n\_3598=n\_3598+1; //counts\_for\_the\_purpose\_not\_to\_display\_another\_condition

}

}

if (n\_3598==0)

{

cout<<"The\_value\_is\_not\_within\_the\_array!\n";

}

else

{

cout<<num\_3598<<"\_was\_found\_"<<n\_3598<<"times\_!\n";

}

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

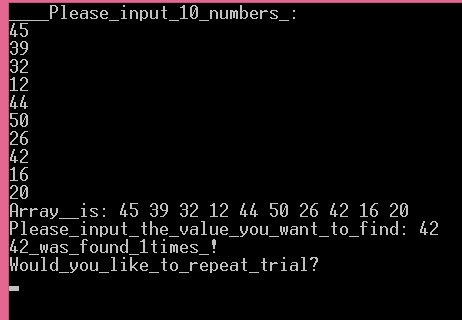
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**74.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_3598[10]; //array\_declaration;

int large\_3598;

cout<<"\_\_\_\_Please\_input\_10\_numbers\_: \n";

for (int i\_3598=0; i\_3598<10; ++i\_3598) //loop\_for\_input;

{

cin>>array\_3598[i\_3598];

}

for (int z\_3598=0; z\_3598<10; ++z\_3598)

{

large\_3598=array\_3598[z\_3598]; //I\_assign\_the\_largest\_value;

for (int p\_3598=0; p\_3598<10; ++p\_3598)

{

if (large\_3598<array\_3598[p\_3598])

{

large\_3598=array\_3598[p\_3598];

}

}

} cout<<"the\_largest\_number\_is: "<<large\_3598<<endl;

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

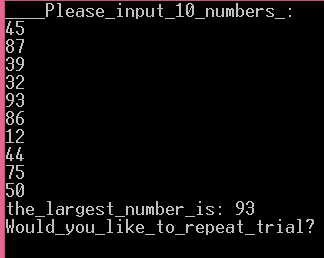
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**75.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

char input\_3598[50]={0};

cout<<"ENTER\_the\_first\_array:\_\_";

cin.getline(input\_3598, 50);

cout<<endl;

char input2\_3598[50]={0};

cout<<"ENTER\_the\_second\_array:\_\_";

cin.getline(input2\_3598, 50);

cout<<endl;

int sum1\_3598=0, sum2\_3598=0;

int ch1\_value\_3598=0, ch2\_value\_3598=0; //declare\_decimal\_equivalent;

int a\_3598=0;

int n\_3598=0; //initialized\_integer;

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //

{

if (input\_3598[i\_3598]==input2\_3598[i\_3598])

{

n\_3598=n\_3598+1; //integer\_will\_increase\_if\_the\_words\_are\_same\_till\_the\_end\_of\_one\_array

}

if (i\_3598>0)

{

a\_3598=i\_3598+1; //I\_will\_need\_that\_vale\_later\_to\_know\_the\_character\_numbers\_in\_the\_array;

}

}

for( int h\_3598=0; input\_3598[h\_3598]!='\0'; h\_3598++) //here\_I\_calculate\_ASCII\_for\_first\_input

{

ch1\_value\_3598=input\_3598[h\_3598]; //convert\_the\_character\_to\_ASCII;

sum1\_3598+=ch1\_value\_3598;

}

for( int j\_3598=0; input2\_3598[j\_3598]!='\0'; j\_3598++) //in\_that\_loop\_I\_calculate\_ASCII\_for\_second

{ ch2\_value\_3598=input2\_3598[j\_3598]; //convert\_the\_character\_to\_ASCII;

sum2\_3598+=ch2\_value\_3598;

}

if (n\_3598==a\_3598 && n\_3598!=0 && input\_3598[50]==input2\_3598[50])

{

cout<<"\n0"; //display\_zero\_if\_the\_integer\_number\_is\_equaL\_to\_the\_word\_length

}

else

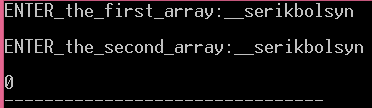
{

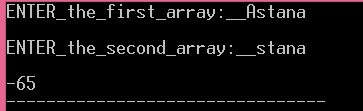
cout<<sum2\_3598-sum1\_3598; //defines\_the\_differences\_of\_ACSII\_values;

}

return 0;

}





**76.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int array\_3598[10]; //array\_declaration;

cout<<"\_\_\_\_Please\_input\_10\_numbers\_: \n";

for (int i\_3598=0; i\_3598<10; ++i\_3598) //loop\_for\_input;

{

cin>>array\_3598[i\_3598];

}

cout<<"Array\_\_is: ";

for (int i\_3598=0; i\_3598<10; ++i\_3598) //loop\_for\_display\_the\_array

{

cout<<array\_3598[i\_3598]<<" ";

}

int num\_3598;

cout<<"\nPlease\_input\_the\_value\_you\_want\_to\_find: ";

cin>>num\_3598;

int n\_3598=0; //counts\_numbers

for (int z\_3598=0; z\_3598<10; ++z\_3598)

{

if (array\_3598[z\_3598]==num\_3598) //if\_it\_find\_similar\_number

{

n\_3598=n\_3598+1; //counts\_for\_the\_purpose\_not\_to\_display\_another\_condition

}

}

if (n\_3598==0)

{

cout<<num\_3598<<"\_is\_not\_in\_the\_array!\n";

}

else

{

cout<<num\_3598<<"\_is\_in\_the\_array!\n";

}

cout<<"Would\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

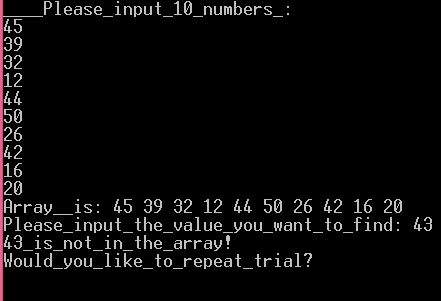
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**77.**

#include <iostream>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ int size\_3598=0;

int input\_3598[size\_3598]; //store\_the\_array;

cout<<"Please\_ENTER\_how\_many\_numbers\_you\_will\_input: ";

cin>>size\_3598;

for (int i\_3598=0; i\_3598<size\_3598; ++i\_3598) //loop\_for\_array\_number;

{ cout<<"Please\_ENTER\_the\_number\_"<<i\_3598<<": ";

cin>>input\_3598[i\_3598];

}

for (int z\_3598=0; z\_3598<size\_3598; ++z\_3598) //loop\_for\_display;

{

cout<<input\_3598[z\_3598]<<" ";

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

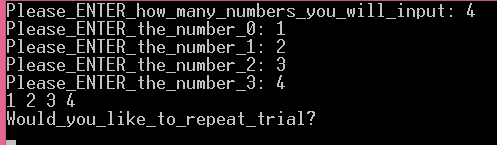
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**78.**

#include <iostream>

#include <cstring>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

string input\_3598; //here\_I\_store\_string\_array;

cout<<"ENTER\_THE\_WORD:\_\_\_";

cin>>input\_3598;

string b\_3598=""; //I-declare\_the\_reversed\_of\_the\_word

for (int i\_3598=0; i\_3598<input\_3598.length(); ++i\_3598) //here\_I\_define\_each\_character\_of\_the\_input\_and\_combine\_reversed

{ b\_3598=input\_3598[i\_3598]+b\_3598;

}

cout<<b\_3598;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

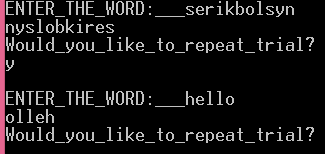
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**79.**

#include <iostream>

using namespace std;

int main ()

{char ans\_3598; //repeatition\_loop

do

{

int num\_3598=0; // declaration\_of\_the\_entered\_number;

cout<<"The\_Fibonacci\_Series\_starts\_from\_1!\n";

cout<<"PLEASE\_ENTER\_THE\_NUMBER:\_\_\_ \n";

cin>>num\_3598;

int num\_store\_3598=num\_3598;

int series\_3598[num\_3598];

cout<<endl;

series\_3598[0]=1; //define\_first\_member;

series\_3598[1]=1; //define\_second\_member;

for (int i\_3598=2; i\_3598<num\_3598+1; ++i\_3598) //I\_open\_the\_loop\_for\_defining\_series

{

series\_3598[i\_3598]=series\_3598[i\_3598-1]+series\_3598[i\_3598-2];

}

for (int z\_3598=0; z\_3598<num\_3598; ++z\_3598) //this\_loop\_displays\_the\_results;

{ cout<<series\_3598[z\_3598]<<" ";

}

int sum\_3598=0; //here\_I\_declare\_the\_sum\_of\_series\_to\_find\_average

for (int z\_3598=0; z\_3598<num\_3598; ++z\_3598) //loop\_defining\_sums

{ sum\_3598+=series\_3598[z\_3598];

}

cout<<"\nTHE\_AVERAGE\_IS\_EQUAL\_TO:\_\_\_"<<sum\_3598/num\_3598<<endl;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

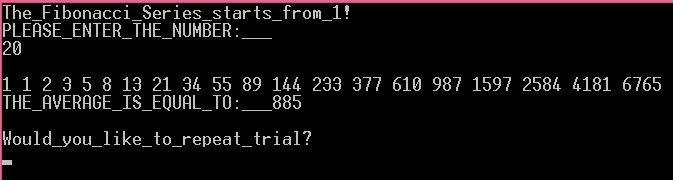
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**80.**

#include <iostream>

using namespace std;

int main ()

{char ans\_3598; //repeatition\_loop

do

{

int size\_3598=0;

cout<<"Please\_input\_how\_m@ny\_numbers: ";

cin>>size\_3598;

int array\_3598[size\_3598];

for (int i\_3598=0; i\_3598<size\_3598; ++i\_3598)

{

cout<<"\_\_Please\_input\_the\_integer\_number\_for\_index\_"<<i\_3598<<": ";

cin>>array\_3598[i\_3598];

cout<<endl;

}

for (int z\_3598=0; z\_3598<size\_3598; ++z\_3598) //here\_I\_open\_outer\_loop;

{

for (int d\_3598=0; d\_3598<size\_3598; ++d\_3598) //inner\_loop;

{

if (array\_3598[d\_3598]>array\_3598[z\_3598])

{

//now\_if\_the\_condition\_is\_valid\_I\_change\_them

int store\_3598;

store\_3598=array\_3598[z\_3598];

array\_3598[z\_3598]=array\_3598[d\_3598];

array\_3598[d\_3598]=store\_3598;

}

}

}

cout<<endl<<"The\_sorted\_array\_is\_:"<<endl;

for (int x\_3598=0; x\_3598<size\_3598; ++x\_3598)

{

cout<<"a["<<x\_3598<<"]="<<array\_3598[x\_3598]<<endl;

}

int n\_3598=0;

for (int p\_3598=0; p\_3598<size\_3598; ++p\_3598)

{

if (array\_3598[p\_3598]==p\_3598)

{

n\_3598=n\_3598+1; //counts\_the\_similarities;

}

}

cout<<"THE\_ANSWER\_IS: "<<n\_3598;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

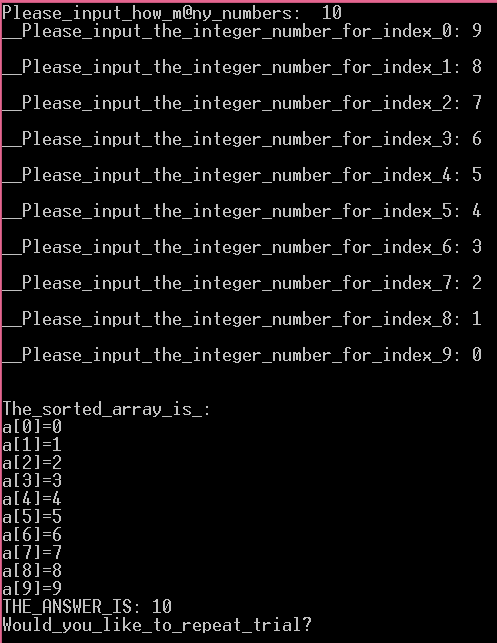
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**81.**

#include <iostream>

using namespace std;

int main ()

{char ans\_3598; //repeatition\_loop

do

{ int size1\_3598=0, size2\_3598=0; //declare\_matrix\_dimensions;

cout <<"Please\_input\_the\_matrix\_dimensions:\_row\_numbers\_then\_column\_numbers: ";

cin>>size1\_3598; //input\_the\_row\_size;

int store1\_3598=size1\_3598; //I\_store\_this\_value\_again

cin>>size2\_3598; //input\_column\_size;

cout<<endl;

int array\_3598[size1\_3598][size2\_3598]; //here\_I\_declare\_two\_dimensional\_array;

cout<<"Please\_enter\_matrix\_elements: ";

int sum\_3598[size1\_3598]; //here\_I\_declare\_array\_for\_the\_row\_summation;

for (int i\_3598=0; i\_3598<size1\_3598; ++i\_3598) //matrix\_input\_loops;

{

for (int r\_3598=0; r\_3598<size2\_3598; ++r\_3598)

{cin>> array\_3598[i\_3598][r\_3598];}

}

for (int z\_3598=0; z\_3598<size1\_3598; ++z\_3598) //loops\_for\_defining\_row\_summations;

{

sum\_3598[z\_3598]=0;

for (int u\_3598=0; u\_3598<size2\_3598; ++u\_3598)

{

sum\_3598[z\_3598]+=array\_3598[z\_3598][u\_3598];}

}

int n\_3598=0; //number\_of\_the\_row\_with\_max\_sum

for (int h\_3598=0; h\_3598<size1\_3598; ++h\_3598) //defining\_row\_with\_max\_sum;

{

int max\_row\_3598=sum\_3598[h\_3598];

for (int d\_3598=0; d\_3598<store1\_3598; ++d\_3598)

{

if (max\_row\_3598<sum\_3598[d\_3598])

{

n\_3598=d\_3598+1;

}

}}

cout<<"\nThe\_row\_with\_maximum\_sum\_is: "<<n\_3598<<endl;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

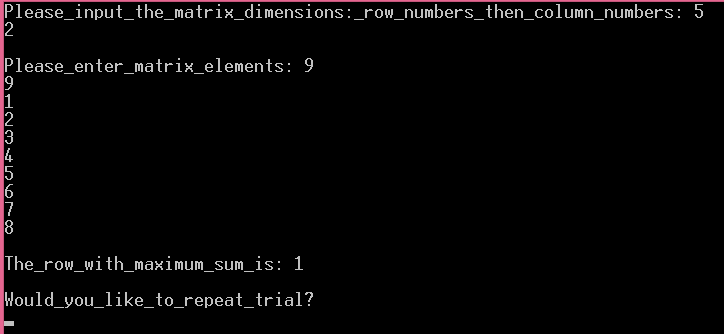
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**82.**

#include <iostream>

#include <cstring>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

string input\_3598; //here\_I\_store\_string\_array;

cout<<"ENTER\_THE\_WORD:\_\_\_";

cin>>input\_3598;

string b\_3598=""; //I-declare\_the\_reversed\_of\_the\_word

for (int i\_3598=0; i\_3598<input\_3598.length(); ++i\_3598) //here\_I\_define\_each\_character\_of\_the\_input\_and\_combine\_reversed

{ b\_3598=input\_3598[i\_3598]+b\_3598;

}

cout<<b\_3598;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

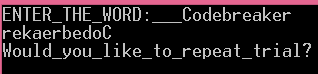
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**83.**

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

int main ()

{ char input\_3598[32]={0};

cout<<"ENTER\_the\_string:\_\_";

cin.getline(input\_3598, 32);

int n\_3598=0, b\_3598=0, answer\_3598;

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //loop\_which\_defines\_each\_character\_and\_spaces;

{

//These\_condition\_check\_if\_there\_are\_missed\_brackets:

if (input\_3598[i\_3598]=='(')

{

n\_3598=n\_3598+1;

}

if (input\_3598[i\_3598]==')'&& i\_3598!=0)

{

b\_3598=b\_3598+1;

}

}

if (b\_3598-n\_3598==0) //Conditions\_defining\_trure\_or\_false;

{ answer\_3598=1;

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //loop\_which\_defines\_each\_character\_and\_spaces;

{

//Now\_I\_write\_condition\_to\_check\_whether\_the\_brackets\_placed\_after\_the\_operators:

if (input\_3598[i\_3598]=='+' && input\_3598[i\_3598+1]==')' )

{

answer\_3598=0;

}

if (input\_3598[i\_3598]='-' && input\_3598[i\_3598+1]==')' )

{

answer\_3598=0;

}

if (input\_3598[i\_3598]=='/' && input\_3598[i\_3598+1]==')' )

{

answer\_3598=0;

}

if (input\_3598[i\_3598]=='\*' && input\_3598[i\_3598+1]==')' )

{

answer\_3598=0;

}

}

}

else

{

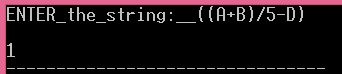
answer\_3598=0;

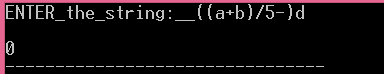
}

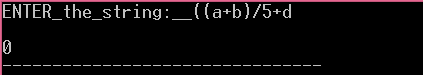
cout<<endl<<answer\_3598;

return 0;

}







**84.**

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

int main ()

{ char input\_3598[32]={0};

cout<<"ENTER\_the\_string:\_\_";

cin.getline(input\_3598, 32);

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //loop\_which\_defines\_each\_character;

{

if (i\_3598%2==0 ||i\_3598==0)

{

if (std::islower(input\_3598[i\_3598])) //checks\_if\_it\_is\_low

{

cout<<static\_cast<char>(std::toupper(input\_3598[i\_3598]));

}

else

{

cout<<input\_3598[i\_3598];

}

}

else

{

if (std::isupper(input\_3598[i\_3598])) //checks\_if\_it\_capital

{

cout<<static\_cast<char>(std::tolower(input\_3598[i\_3598]));

}

else

{

cout<<input\_3598[i\_3598];

}

}

}

return 0;

}

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**85.**

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ string input1\_3598; //first\_string\_input;

string input2\_3598; //second\_string\_input;

cout<<"PLEASE\_INPUT\_THE\_FIRST\_STRING: ";

cin>>input1\_3598;

cout<<endl<<"PLEASE\_INPUT\_THE\_SECOND\_STRING: ";

cin>>input2\_3598;

if (input1\_3598==input2\_3598 ) //condition\_for\_comparison;

{

cout<<endl<<"1";

}

else

{

cout<<endl<<"0";

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

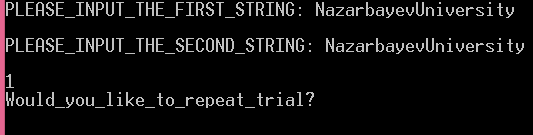
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**86.**

#include <iostream>

using namespace std;

int main ()

{

string input\_3598; //declarartion\_input;

cout<<"Enter\_the\_text,\_please: ";

cin>>input\_3598;

cout<<endl;

if (input\_3598==string(input\_3598.rbegin(), input\_3598.rend())) //checks\_the\_input\_with\_reversed\_input

{

cout<<"1";

}

else

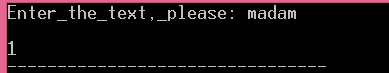
{

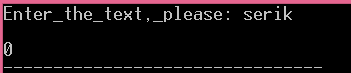
cout<<"0";

}

return 0;

}





**87.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

string input\_3598;

string word\_3598; //word\_to\_define;

cout<<"Enter\_the\_text,\_please: ";

cin>>input\_3598;

cout<<endl<<"Enter\_the\_word\_you\_want\_to\_find: ";

cin>>word\_3598;

cout<<endl;

//counting\_the\_place\_it\_starts;

int index\_3598=0;

index\_3598=input\_3598.find(word\_3598);

if (index\_3598>0) //for\_displaying\_the\_place

{

cout<<"The\_index\_of\_the\_first\_character\_in\_the\_second\_found\_in\_first\_string: "<<index\_3598+1;

}

else //if\_not\_found:

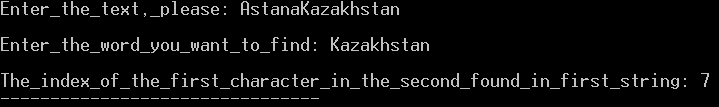
{

cout<<endl<<"-1";

}

return 0;

}



**88.**

#include <iostream>

#include <cstring>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{

string input\_3598; //here\_I\_store\_string\_array;

cout<<"\_Input\_is:\_\_\_";

cin>>input\_3598;

string b\_3598=""; //I-declare\_the\_reversed\_of\_the\_word

for (int i\_3598=0; i\_3598<input\_3598.length(); ++i\_3598) //here\_I\_define\_each\_character\_of\_the\_input\_and\_combine\_reversed

{ b\_3598=input\_3598[i\_3598]+b\_3598;

}

cout<<"Output\_is:\_\_\_"<<b\_3598;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

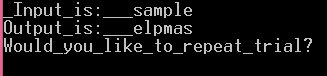
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**89.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

string input\_3598;

string word\_3598; //word\_to\_define;

cout<<"Enter\_the\_text,\_please: ";

cin>>input\_3598;

cout<<endl<<"Enter\_the\_word\_you\_want\_to\_find: ";

cin>>word\_3598;

cout<<endl;

//counting\_the\_place\_it\_starts;

int index\_3598=0;

index\_3598=input\_3598.find(word\_3598);

if (index\_3598>0) //for\_displaying\_the\_place

{

cout<<index\_3598+1;

}

else //if\_not\_found:

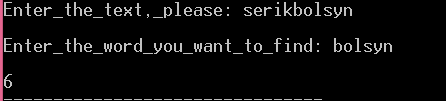
{

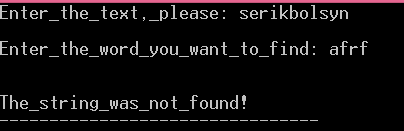
cout<<endl<<"The\_string\_was\_not\_found!";

}

return 0;

}





**90.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

char input\_3598[50]={0};

cout<<"ENTER\_the\_text:\_\_";

cin.getline(input\_3598, 50);

int sum\_3598=0;

int ch\_value\_3598=0; //declare\_decimal\_equivalent;

char ch\_3598={0};

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //

{

ch\_value\_3598=input\_3598[i\_3598]; //convert\_the\_character\_to\_ASCII;

sum\_3598+=ch\_value\_3598;

}

cout<<"The\_decrypted\_string\_value\_is: "<<sum\_3598;

return 0;

}

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**91.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

char input\_3598[50]={0};

cout<<"ENTER\_the\_text:\_\_";

cin.getline(input\_3598, 50);

int ch\_value\_3598=0; //declare\_decimal\_equivalent;

char ch\_3598={0};

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //

{

ch\_value\_3598=input\_3598[i\_3598]; //convert\_the\_character\_to\_ASCII;

if (input\_3598[i\_3598]!='z'|| input\_3598[i\_3598]!='Z') //if\_the\_character\_is\_z\_it\_remains\_so;

{

ch\_3598=ch\_value\_3598+1; //conversion\_back;

}

else

{

ch\_3598=ch\_value\_3598;

}

cout<<ch\_3598;

}

return 0;

}

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**92.**

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ string input1\_3598; //first\_string\_input;

string input2\_3598; //second\_string\_input;

cout<<"PLEASE\_INPUT\_THE\_FIRST\_STRING: ";

cin>>input1\_3598;

cout<<endl<<"PLEASE\_INPUT\_THE\_SECOND\_STRING: ";

cin>>input2\_3598;

if (input1\_3598==input2\_3598 ) //condition\_for\_comparison;

{

cout<<endl<<"EQUAL!\_\_";

}

else

{

cout<<endl<<"NOT\_EQUAL!\_\_";

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

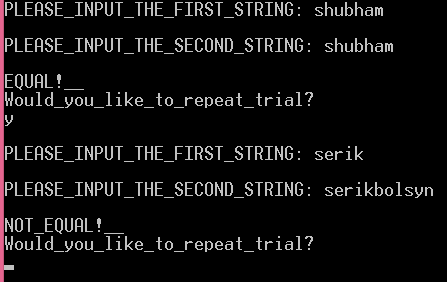
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**93.**

#include <iostream>

#include <string>

#include <cctype>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ char input\_3598[32]={0};

cout<<"ENTER\_the\_string:\_\_";

cin.getline(input\_3598, 32);

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //loop\_which\_defines\_each\_character\_and\_spaces;

{

cout<<input\_3598[i\_3598];

if (input\_3598[i\_3598]==' ')

{

cout<<endl;

}

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

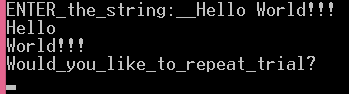
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**94.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ char input\_3598[50]={0};

cout<<"ENTER\_the\_text:\_\_";

cin.getline(input\_3598, 50);

int ch\_value\_3598=0; //declare\_decimal\_equivalent;

int a\_3598=0, b\_3598=0,c\_3598=0, d\_3598=0, e\_3598=0, f\_3598=0, g\_3598=0, h\_3598=0; //declaration\_of\_the\_binary\_equivalent;

cout<<endl<<"The\_binary\_equivalent\_is:\_ ";

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //

{

ch\_value\_3598=input\_3598[i\_3598];

a\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

b\_3598= ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

c\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

d\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

e\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

f\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

g\_3598=ch\_value\_3598%2;

ch\_value\_3598=ch\_value\_3598/2;

h\_3598=ch\_value\_3598%2;

cout<<h\_3598<<g\_3598<<f\_3598<<e\_3598<<d\_3598<<c\_3598<<b\_3598<<a\_3598<<" ";

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

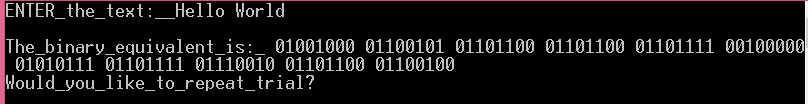
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**95.**

#include <iostream>

#include <string>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ string input\_3598; //Dellaration\_of\_the\_input\_text;

cout<<"Please\_enter\_the\_n@me:\_\_";

cin>>input\_3598;

cout<<endl;

//here\_I\_write\_the\_condition\_for\_mitchell:

if (input\_3598=="Mitchell" || input\_3598=="mitchell")

{

for( int i\_3598=0; i\_3598<5; i\_3598++) //loop\_for\_repeatition;

{

cout<<input\_3598<<endl;

}

}

else

{

for( int i\_3598=0; i\_3598<10; i\_3598++) //loop\_for\_repeatition;

{

cout<<input\_3598<<endl;

}

}

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**96.**

#include <iostream>

#include <cctype>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ char input\_3598[100]={0};

cout<<"ENTER\_the\_text:\_\_";

cin.getline(input\_3598, 100);

int vow\_3598=0; //declearation\_of\_vowels\_number;

for( int i\_3598=0; input\_3598[i\_3598]!='\0'; i\_3598++) //loop\_for\_counting\_vowels;

{

if (std::isalpha(input\_3598[i\_3598])) //includes\_only\_letters\_for\_count

{ switch (std::tolower(input\_3598[i\_3598])) {

case 'a': case 'u': case'i': case 'e' : case'o':

vow\_3598=vow\_3598+1; //vowels\_count;

break;

}

}

}

cout<<endl<<"This\_text\_contains "<<vow\_3598<<"\_vowels\_"<<endl;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

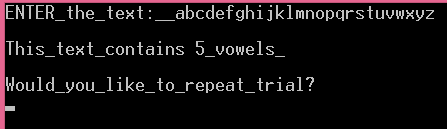
cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}



**97.**

#include <iostream>

#include <string>

using namespace std;

int main ()

{

char ans\_3598; //repeatition\_loop

do

{ string input\_3598; //Dellaration\_of\_the\_input\_text;

cout<<"Please,\_enter\_the\_text\_terminated\_by\_0:\_\_";

std::getline(cin, input\_3598, '0');

string word\_3598; //the\_word\_which\_will\_be\_replaced;

cout<<"\nEnter\_the\_word\_you\_want\_to\_replace:\_\_";

cin>>word\_3598;

string new\_word\_3598; //the\_replacement\_word;

cout<<"\nEnter\_the\_word\_for\_which\_you\_want\_to\_replace:\_\_";

cin>>new\_word\_3598;

if (word\_3598==new\_word\_3598)

{

cout<<"\nThe\_nreplacement\_word\_is\_the\_same\_with\_initial\_word!";

}

size\_t start = input\_3598.find(word\_3598);

while (start!=string::npos){

input\_3598.replace(start, word\_3598.length(), new\_word\_3598); //replacing\_the\_word;

start=input\_3598.find(word\_3598, start+new\_word\_3598.length());}

cout<<endl<<"Replaced\_new\_input\_text\_is: "<<input\_3598<<endl;

cout<<"\nWould\_you\_like\_to\_repeat\_trial?"<<endl;

cin>>ans\_3598;

cout<<endl;

}

while (ans\_3598=='Y' || ans\_3598=='y');

return 0;

}

