#include<iostream>

#include<string.h>

#include<stdlib.h>

using namespace std;

class strings

{

private:

enum {sz=80};

char str[sz];

public:

strings()

{

strcpy(str,"");

}

strings(char s[])

{

strcpy(str,s);

}

void show()

{

cout<<"the string is"<<str<<endl;

}

strings operator+(strings ss)

{

strings temp;

if(strlen(str)+strlen(ss.str)<sz)

{

strcpy(temp.str,str);

strcat(temp.str,ss.str);

}

else

{

cout<<"string overflow"<<endl;

exit(1);

}

return temp;

}

};

int main()

{

strings s1=" THIS IS PAKISTAN ";

strings s2=" HAPPY NEW YEAR ";

strings s3;

s1.show();

s2.show();

s3.show();

s3=s1+s2;

s3.show();

cout<<endl;

getchar();

getchar();

return 0;

}