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***Program no. :-16***

Writ e a program in C++ with a complex constructor to add the given two complex number A= and B= The program should print given complex number and their sum.

#include<iostream.h>

#include<conio.h>

class complex

{

int x, y;

public:

complex()

{

cout<<"Enter real and imaginary part of complex number";

cin>>x>>y;

}

void output()

{

cout<<x<<"+"<<y<<"i";

}

complex(complex,complex);

};

complex::complex(complex p, complex q)

{

x=p.x+q.x;

y=p.y+q.y;

}

void main()

{

clrscr();

complex p,q;

complex r(p,q);

cout<<"\nFirst complex number is";

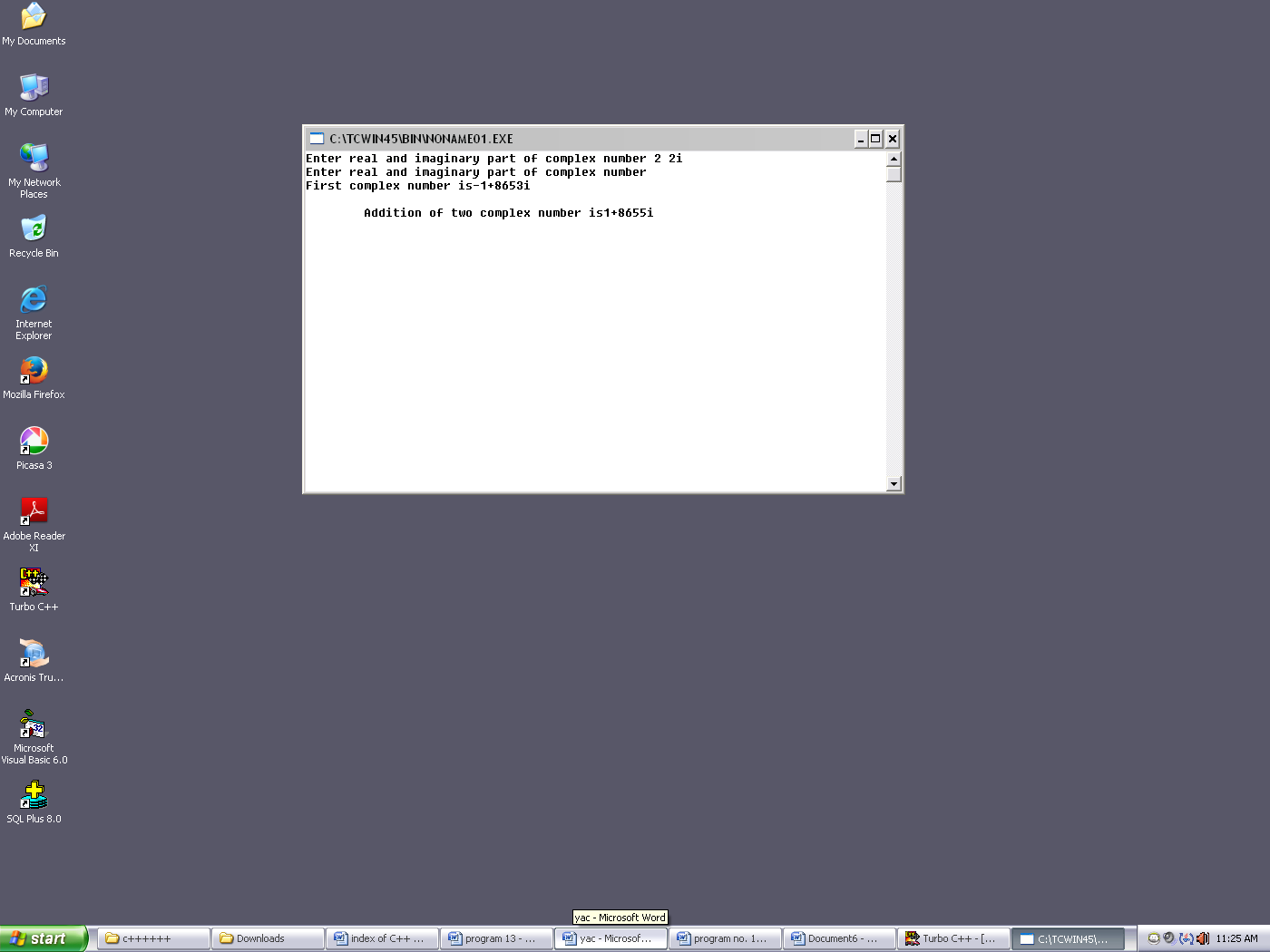
q.output();

cout<<"\n\n\tAddition of two complex number is";

r.output();

getch();

}

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