/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Online C++ Compiler.

Code, Compile, Run and Debug C++ program online.

Write your code in this editor and press "Run" button to compile and execute it.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

#include <iostream>

#include <cstdlib>

using namespace std;

class A{

int \*p;

public:

A()

{

cout<<endl<<"Allocation of dynamic memory.............";

p=new int;

}

void assignvalue(int a)

{

cout<<endl<<"Random value assigned.............";

\*p=a;

}

void output()

{

cout<<endl<<"Value is:"<<\*p;

}

~A()

{

cout<<endl<<"Deallocation of dynamic memory.............";

delete p;

}

};

int main()

{

srand(time(NULL));

cout<<"Implementing Dynamic Constructors........................";

cout<<endl<<"Assigning Random Values.........";

int b=(rand()%10) +1;

A a1;

a1.assignvalue(b);

a1.output();

return 0;

}