//Practical No: 33

//wap in c++ program to demonstrate dynamic constructor

# include <iostream.h>

# include <conio.h>

# include <string.h>

classstr

{

char \*name;

intlen;

public:

str()

{

len=0;

name=new char[len+1];

}

str(char \*s)

{

len=strlen(s);

name=new char[len+1];

strcpy(name,s);

}

void show()

{

cout<<"NAME IS: >> "<<name<<endl;

}

void join(str&a,str&b);

};

voidstr::join(str&a,str&b)

{

len=a.len+b.len;

name=new char[len+1];

strcpy(name,a.name);

strcat(name,b.name);

};

main()

{

clrscr();

char \*first="Revati ";

str n1(first),n2("Vaishnavi "),n3(" Veena");

n1.show();

n2.show();

n3.show();

}

output:

NAME IS: >>Revati

NAME IS: >>Vaishnavi

NAME IS: >>Veena