Assignment number - 5

Aim : Create Stud class to display student information using constructor and destructor. (Default constructor, Multiple constructors, Copy constructor, Overloaded constructor)
Batch : A-1
Roll Number : 04

_____

Input Code

```cpp
#include<iostream>
using namespace std;

class stu
{
        private:
           char name[20],add[20];
              int roll,zip;

        public:
           stu ();//Constructor
              ~stu();//Destructor
              void read();
              void disp();
};

stu :: stu()
{
     cout<<"\nThis is Student Details constructor called..........."<<endl;
}

void stu :: read()
{
     cout<<"\nEnter the student Name :: ";
     cin>>name;
     cout<<"\nEnter the student roll no :: ";
     cin>>roll;
     cout<<"\nEnter the student address :: ";
     cin>>add;
     cout<<"\nEnter the Zipcode :: ";
     cin>>zip;
}

void stu :: disp()
{
   cout<<"\nThe Entered Student Details are shown below ::---------- \n";
     cout<<"\nStudent Name :: "<<name<<endl;
     cout<<"\nRoll no   is :: "<<roll<<endl;
     cout<<"\nAddress is :: "<<add<<endl;
     cout<<"\nZipcode is :: "<<zip;
}
```

```cpp
stu :: ~stu()
{
    cout<<"\n\nStudent Detail is Closed.............\n";
}


int main()
{
    stu s;
  s.read ();
  s.disp ();

  return 0;
}
```

_____

OUTPUT

This is Student Details constructor called...........

Enter the student Name :: Achyut Shinde

Enter the student roll no :: A04

Enter the student address :: Ahmednagar

Enter the Zipcode :: 414003

The Entered Student Details are shown below ::----------

Student Name :: Achyut

Roll no   is :: A04

Address is :: Ahmednagar

Zipcode is :: 414003

Student Detail is Closed.............