**4..Create a class student having data members id,name and age.Dynamically create required number of objects and assign value of ID’s automatically using constructor.ID should start with 101.**

**Code:**

#include <iostream>

using namespace std;

class Student{

int id,age;

string name;

public :

Student(int id)

{

this->id=id;

}

Student ()

{}

void display()

{

cout<<"id is"<<endl;

cout<<id<<endl;

cout<<"name is"<<endl;

cout<<name<<endl;

cout<<"age is"<<endl;

cout<<age<<endl;

}

void getData()

{

cin>>age;

cin>>name;

}

};

int main() {

int num,j=101,i;

cout<<"Enter total students"<<endl;

cin>>num;

Student \*s=new Student[num];

for(i=0;i<num;i++)

{

s[i]={j};

j++;

}

for(i=0;i<num;i++)

{

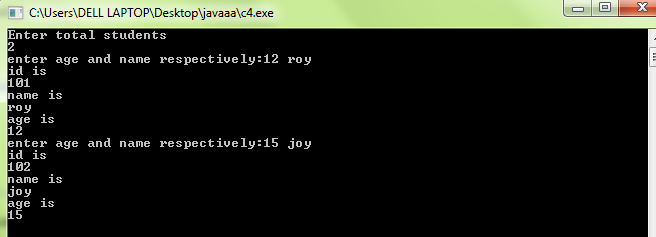
s[i].getData();

s[i].display ();

}

return 0;}

**Ouput:**

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