**//This contains the code of the main function testing the class**

#include"Vector.h"

intmain()

{

Vector<int>v(5,2);//Creates Vector with 5 elements and inializes elements with 2

v[1]=15;//This makes second element to 15,this uses subscript operator

cout<<"\n Elements of Vector with elements as int"<<endl;

//This loop displays contents of Vector

for(inti=0;i<v.size();i++)

cout<<v[i]<<endl;

cout<<"Capacity "<<v.capacity()<<endl;;

cout<<"Size "<<v.size()<<endl;

v.pop\_back();//This member function call removes the last element from the vector

int\*a=v.begin();//This iterator returns the first element

while(a<=v.end())//compares with the last Element

{

cout<<"Element "<<\*a<<endl;

a++;

}

Vector<double>v1(4,6.9);

cout<<"\n Elements of Vector with elements as double"<<endl;

for(inti=0;i<v1.size();i++)

cout<<v1[i]<<endl;

getchar();

return0;

}

**The Output**

