CHANDIGARH UNIVERSITY

<u>UIC</u>

OOPS LAB PRACTICAL

Practical No. - 9

Name :- Amar Preet Das

Section: 19BCA2-A

Group :- II

UID :- 19BCA1129

Submitted to:- Prof. Dr Kirti Walia

Practical 9)

WAP to understand the concept of new and delete operator.

Ans)

Code :-

```
#include <iostream>
using namespace std;
int main() {
             //integer variable
 int size,i;
 int *ptr=NULL;
                     //taking pointer to locate new memory initiating with null
 cout<<"Enter the size of array: ";
                //taking input for size of array
 cin>>size;
 ptr = new int[size];
                          //assigning new memoey using new operator
 for(i=1;i<=size;i++){
                        //for loop to get inputs
        cout<<"Enter "<<i<" element of array: ";
        cin>>ptr[i];
        cout<<endl;
 }
        cout<<"Entered array are: "<<endl;</pre>
                                                   //for loop to display the inputs
 for(i=1;i<=size;i++){</pre>
        cout<<ptr[i]<<", ";
 }
 delete ptr;
                   //using delete operator to free memory allocated
        return 0;
}
```

OUTPUT:-

