Lab Exercise 5

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```cpp
#include <iostream>

#include <iomanip>

using namespace std;



int main()

{



int *num; //To dunamically allocate array

int n; //to hold how many numbers the user wants



//Get the n for numbers

cout << "Please enter how many numbers you want to use: ";

cin >> n;



num = new int[n]; //Dynamically allocate an array large enough to hold



// get the number for each n

cout<<"Please enter " <<n <<" numbers:\n";

for (int count=0;count<n;count++){

        cout <<"number " <<count+1<<" is: ";

        cin >> num[count];

}
```

```cpp
//Display the number input by user
cout << "The numbers you enter are:\n";

for (int count=0;count<n;count++){
        cout <<num[count] <<", ";
}

delete [] num; //Free dynamically allocated memory

return 0;
}
```