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// This program demonstrates the use of dynamic arrays
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#include <iostream>
#include <iomanip>
using namespace std;
int main()
       float *monthSales = nullptr; // a pointer used to point to an array
                           // holding monthly sales
       float total = 0; // total of all sales
       float average; // average of monthly sales
       int numOfSales;
                                     // number of sales to be processed
       int count;
                                     // loop counter
       cout << fixed << showpoint << setprecision(2);</pre>
       cout << "How many monthly sales will be processed? ";</pre>
       cin >> numOfSales:
       // Fill in the code to allocate memory for the array pointed to by
       // monthSales.
       monthSales = new float(numOfSales);
       if (monthSales == nullptr)
  {
               cout << "Error allocating memory!\n";</pre>
               return 1;
       }
       cout << "Enter the sales below\n";</pre>
       for (count = 0; count < numOfSales; count++)</pre>
       {
               cout << "Sales for Month number</pre>
                  << count + 1// Fill in code to show the number of the month
                  << " ";
```