Write a program that creates an array of pointers to integers. Initialize the array with values and print them using the pointers.

#include <iostream>

using namespace std;

int main() {

const int size = 5;

int\* arr[size];

for (int i = 0; i < size; ++i) {

arr[i] = new int(i \* 10);

}

cout << "Values in the array: ";

for (int i = 0; i < size; ++i) {

cout << \*arr[i] << " ";

}

cout << endl;

return 0;

}

Summary:

1. Include headres.
2. Initialize constant size of the array.
3. Declare an array of pointers to integers.
4. Initialize the array with values.
5. Then allocate the memory and initialize values.
6. Print the values using pointers.