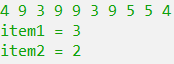
**КОД ПРОГРАММЫ**

|  |
| --- |
| #include <ctime>  #include <iostream>  using std::cout;  using std::endl;  namespace my {  template<class T>  int find(const T\* arr, const int& size, const T& item)  {  for (int i = 0; i < size; i++)  {  if (arr[i] == item)  {  return i;  }  }  return -1;  }  template<class T1, class T2>  void show(const T1& a, const T2& b)  {  cout << "item1 = " << a << endl;  cout << "item2 = " << b << endl;  }  }  int main()  {  srand(time(NULL));  const int size = 10;  int\* arr = new int[size];  for (int i = 0; i < size; i++)  {  arr[i] = rand() % 10;  cout << arr[i] << ' ';  }  cout << endl;  int index = my::find(arr, size, 3);  my::show(arr[index], index);  } |

**ВЫВОД ПРОГРАММЫ**



**КОД ПРОГРАММЫ**

|  |
| --- |
| **#include <ctime>**  **#include <iostream>**  **#include <cmath>**  **using std::cout;**  **using std::cin;**  **using std::cerr;**  **using std::endl;**  **int main()**  **{**  **bool isWrite = true;**  **while (isWrite)**  **{**  **float x;**  **float y;**  **try**  **{**  **cout << "Write A (float) and B (float):" << endl;**  **cin >> x;**  **cin >> y;**  **if (x \* y < 0)**  **{**  **throw("A or B less than zero!");**  **}**  **cout << sqrt(x \* y) << endl;**  **}**  **catch (const char\* error)**  **{**  **cerr << error << endl;**  **}**  **cout << "Do you want continue? (y/n)" << endl;**  **char answer;**  **cin >> answer;**  **if (answer == 'n')**  **{**  **isWrite = false;**  **}**  **}**  **}** |

**ВЫВОД ПРОГРАММЫ**

