#include<iostream>

using namespace std;

//void addNumbers(int n1=0, int n2=0, int n3=0) {

// cout << n1 + n2 + n3 << endl;

//}

//

//

//

//void main() {

// addNumbers(10);

//}

//void ShowSquare(int stars=10, char symbol='\*') {

// for (size\_t i = 0; i < stars; i++)

// {

// for (size\_t k = 0; k < stars; k++)

// {

// cout << symbol << " ";

//

// }cout << endl;

// }

//}

//

//void main() {

// ShowSquare(5,'A');

//}

//inline int getSum(int start, int end) {

// int sum = 0;

// for (size\_t i = start; i <= end; i++)

// {

// sum += i;

// }

// return sum;

//}

//

//void main() {

// cout << getSum(10, 20) << endl;

//}

//void addNumbers(int n1, int n2) {

// cout << "int version" << endl;

// cout << n1 + n2 << endl;

//}

//void addNumbers(int n1, int n2,int n3) {

// cout << "int version" << endl;

// cout << n1 + n2+n3 << endl;

//}

//void addNumbers(double n1, double n2) {

// cout << "double version" << endl;

// cout << n1 + n2 << endl;

//}

//void addNumbers(int n1, double n2) {

// cout << "int+double version" << endl;

// cout << n1 + n2 << endl;

//}

//

//void main() {

//

// addNumbers(10, 20,30);

//

//}

//add

//subt

//mult

//div

//2 parametrli // int float double

//3 parametrli // int float double

void initArray(int arr[], int size) {

int min = 1;

int max = 100;

int random = 0;

for (size\_t i = 0; i < size; i++)

{

random = min + rand() % (max - min);

arr[i] = random;

}

}

void initArray(double arr[], int size) {

int min = 100;

int max = 1000;

double random = 0;

for (size\_t i = 0; i < size; i++)

{

random = min + rand() % (max - min);

arr[i] = random/10;

}

}

void initArray(float arr[], int size) {

int min = 100;

int max = 1000;

float random = 0;

for (size\_t i = 0; i < size; i++)

{

random = min + rand() % (max - min);

arr[i] = random / 10;

}

}

void initArray(char arr[], int size) {

int min = 65;

int max = 90;

int random = 0;

for (size\_t i = 0; i < size; i++)

{

random = min + rand() % (max - min);

arr[i] = random;

}

}

void printArr(char arr[], int size) {

for (size\_t i = 0; i < size; i++)

{

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

} cout << endl;

}

void printArr(int arr[], int size) {

for (size\_t i = 0; i < size; i++)

{

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

} cout << endl;

}

void printArr(double arr[], int size) {

for (size\_t i = 0; i < size; i++)

{

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

} cout << endl;

}

void printArr(float arr[], int size) {

for (size\_t i = 0; i < size; i++)

{

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

} cout << endl;

}

void main() {

const int size = 10;

char arr[size] = {};

initArray(arr, size);

printArr(arr, size);

}