```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[] = {0, 1, 2, 3, 4,
                 5, 6, 7, 8, 9};
  int *p, *q;
  p = &array[2];
  q = p + 3;
  p += 6;
  printf("%d\n", *p);
  printf("%d\n", *q);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[] = {0, 1, 2, 3, 4,
                 5, 6, 7, 8, 9};
  int *p, *q;
  p = &array[8];
  q = p - 3;
  p -= 6;
  printf("%d\n", *p);
  printf("%d\n", *q);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[] = {0, 1, 2, 3, 4,
                 5, 6, 7, 8, 9};
  int *p, *q, i;
  p = &array[5];
  q = &array[1];
  i = p - q;
  printf("%d\n", i);
  i = q - p;
  printf("%d\n", i);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[] = {0, 1, 2, 3, 4,
                 5, 6, 7, 8, 9};
  int *p, *q;
  p = &array[5];
  q = &array[1];
  printf("%d\n", p <= q);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[SIZE] = {1, 2, 3, 4, 5,
                     6, 7, 8, 9, 10};
  int *p, sum = 0;

  for (p = &array[0]; p < &array[SIZE]; p++) {
    sum += *p;
  }

  printf("%d\n", sum);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[SIZE] = {1, 2, 3, 4, 5,
                     6, 7, 8, 9, 10};
  int *p;

  p = &array[3];

  printf("%p\n", p);

  *p++ = 100; // *(p++);

  printf("%p\n", p);

  printf("%d\n\n", *p);

  for (int i = 0; i < SIZE; i++) {
    printf("%d ", array[i]);
  }

  puts("");

  return EXIT_SUCCESS;
}
                              ---
  (*p)++;
  *++p = 100; // *(++p);
  ++*p; // ++(*p);
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[SIZE] = {1, 2, 3, 4, 5,
                     6, 7, 8, 9, 10};
  int *p, sum = 0;

  p = &array[0];

  while (p < &array[SIZE]) {
    sum += *p++;
  }

  printf("%d\n", sum);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[SIZE];

  *array = 7;

  *(array + 1) = 12;

  for (int i = 0; i < SIZE; i++) {
    printf("[%d]: %d\n", i + 1, array[i]);
  }

  puts("");

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
    setlocale(LC_ALL, "RU");

    int array[SIZE] = {1, 2, 3, 4, 5,
                       6, 7, 8, 9, 10};
    int *p, sum = 0;

    for (p = array; p < array + SIZE; p++) {
        sum += *p;
    }

    printf("%d\n", sum);

    return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

void Zeroing(int array[], int size);

int main(void) {
  setlocale(LC_ALL, "RU");

  int array[] = {5, 7, -2, 34, 0};

  int size = sizeof(array) / sizeof(array[0]);

  Zeroing(array, size);

  for (int i = 0; i < size; i++) {
    printf("[%d]: %d\n", i + 1, array[i]);
  }

  return EXIT_SUCCESS;
}

void Zeroing(int array[], int size) {
  for (int i = 0; i < size; ++i) {
    array[i] = 0;
  }
}
                              ---
  const int array[]
                              ---
  Zeroing(&array[2], size - 2);
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define SIZE 10

int main(void) {
    setlocale(LC_ALL, "RU");

    int array[SIZE] = {1, 2, 3, 4, 5,
                       6, 7, 8, 9, 10};

    int *p = array, sum = 0;

    for (int i = 0; i < SIZE; i++) {
        sum += p[i];
    }

    printf("%d\n", sum);

    return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define ROWS 5
#define COLUMNS 5

int main(void) {
  setlocale(LC_ALL, "RU");

  int row = 0, column = 0;

  int array[ROWS][COLUMNS];

  for (row = 0; row < ROWS; row++) {
    for (column = 0; column < COLUMNS; column++) {
      array[row][column] = 0;
    }
  }

  for (row = 0; row < ROWS; row++) {
    for (column = 0; column < COLUMNS; column++) {
      printf("%d\t", array[row][column]);
    }
    puts("");
  }

  return EXIT_SUCCESS;
}
                            ---
  int *p = NULL;

  for (p = &array[0][0]; p <= &array[ROWS - 1][COLUMNS - 1]; p++) {
    *p = 0;
  }
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define ROWS 5
#define COLUMNS 5

int main(void) {
  setlocale(LC_ALL, "RU");

  int row = 0, column = 0;

  int array[ROWS][COLUMNS] = {{1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5}};

  int *p = NULL, i = 1;

  for (p = array[i]; p < array[i] + COLUMNS; p++) {
    *p = 0;
  }

  for (row = 0; row < ROWS; row++) {
    for (column = 0; column < COLUMNS; column++) {
      printf("%d\t", array[row][column]);
    }
    puts("");
  }

  return EXIT_SUCCESS;
}
                                    ---
  Zeroing(array[1], COLUMNS);
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define ROWS 5
#define COLUMNS 5

int main(void) {
  setlocale(LC_ALL, "RU");

  int row = 0, column = 0;
  int array[ROWS][COLUMNS] = {{1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5},
                              {1, 2, 3, 4, 5}};

  int (*p)[COLUMNS], i = 1;
  for (p = &array[0]; p < &array[ROWS]; p++) {
    (*p)[i] = 0;
  }

  for (row = 0; row < ROWS; row++) {
    for (column = 0; column < COLUMNS; column++) {
      printf("%d\t", array[row][column]);
    }
    puts("");
  }

  return EXIT_SUCCESS;
}
                               ---
  for (p = array; p < array + ROWS; p++) {
    (*p)[i] = 0;
  }
                               ---
  Zeroing(array[0], ROWS * COLUMNS);
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  printf("Карандаш сильнее ручки.\n\t/Роберт Пирсиг/\n\n");

  puts("Осень.\nКак много на земле жёлтых листьев!\nЯ никогда столько не видел зеленых.");

  return EXIT_SUCCESS;
}
```

```c
  char *p, ch;
  p = "abc";
  *p = 'z';
  ch = "abc"[1];
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>
#define STRING_LENGTH 80

int main(void) {
  setlocale(LC_ALL, "RU");
  char string[STRING_LENGTH + 1];
  char currentDate[11] = "21 октября";
  char currentDate[11] = {'2', '1', ' ', 'о', 'к',
                          'т', 'я', 'б', 'р', 'я',
                          '\0'};
  char currentDate[15] = "21 октября";
  char currentDate[5] = "21 октября";
  char currentDate[] = "21 октября";
  char *currentDate = "21 октября";
  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

int main(void) {
  setlocale(LC_ALL, "RU");

  char string[] = "Добродетель суть среднее.";

  printf("%.5s\n", string);

  puts(string);

  return EXIT_SUCCESS;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <locale.h>

#define STRING_LENGTH 80

int main(void) {
  setlocale(LC_ALL, "RU");

  char string[STRING_LENGTH + 1];
  printf("Введите текст:\n");
  scanf("%s", string);
  puts(string);

  return EXIT_SUCCESS;
}
```

```c
  printf("Введите текст:\n");
  gets_s(string, STRING_LENGTH);
  puts(string);
```