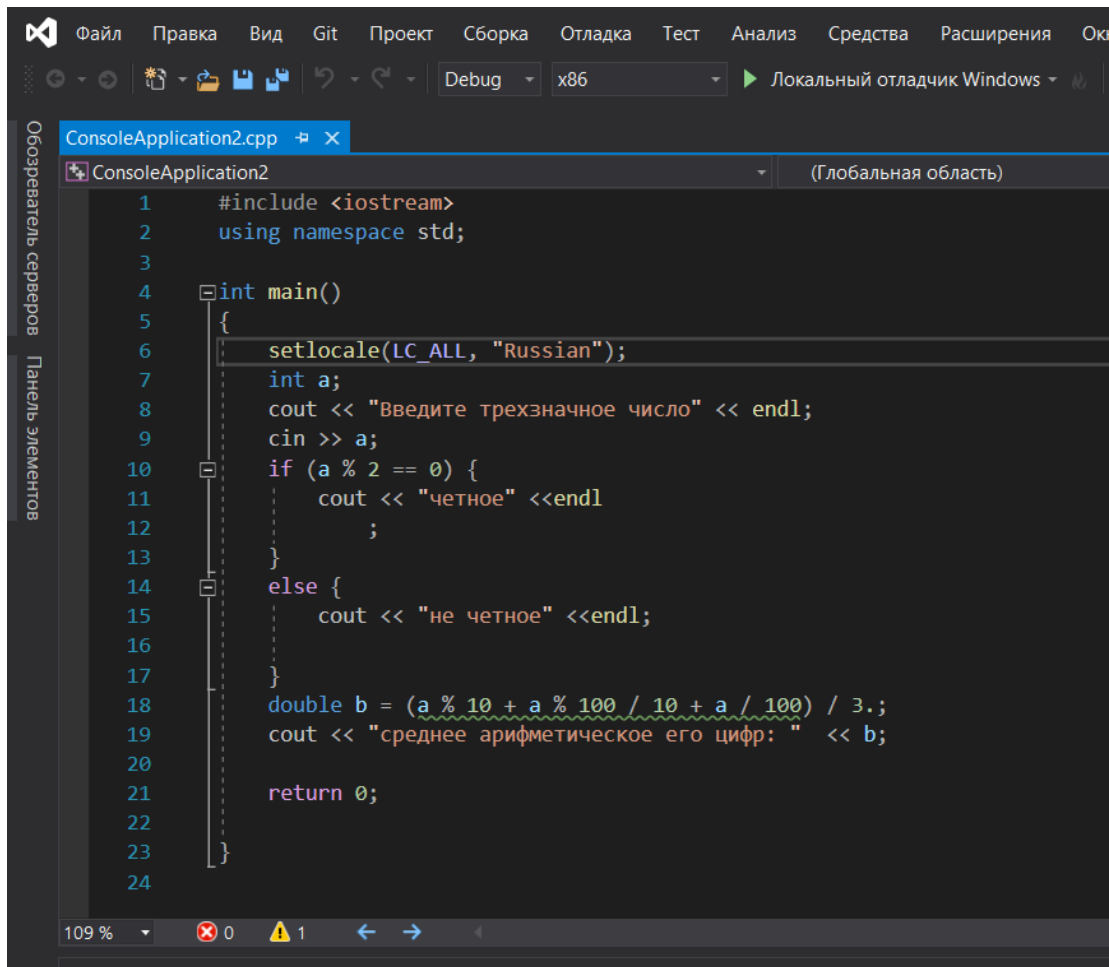


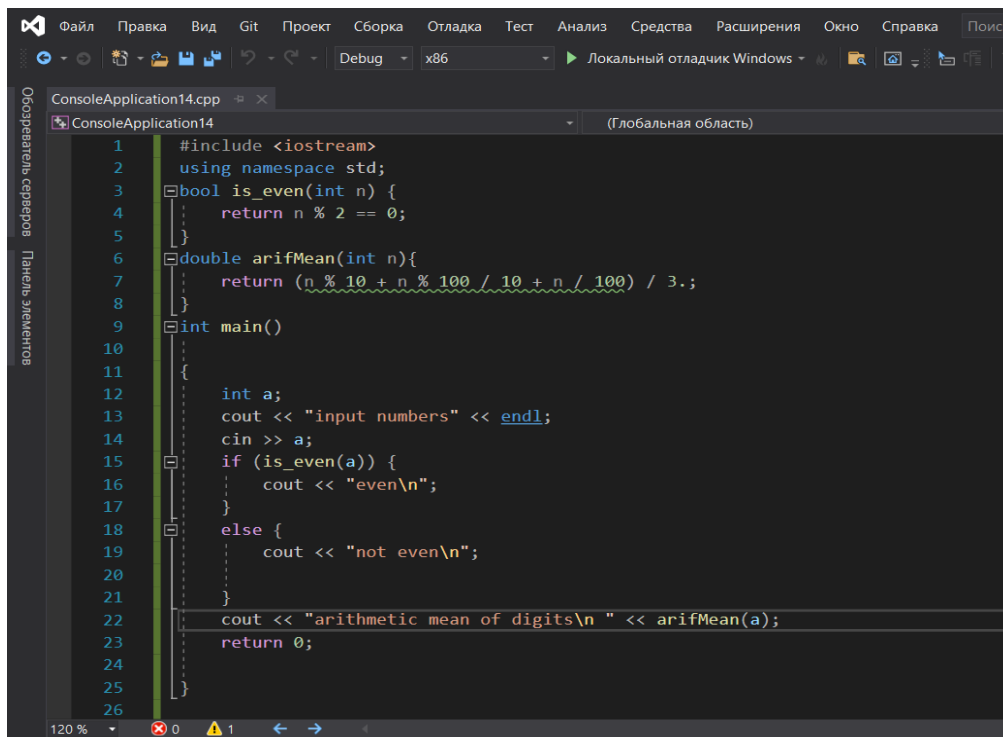
## Task 6 (за основу взял пз2)

Задания 1,2 было так:



```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      setlocale(LC_ALL, "Russian");
7      int a;
8      cout << "Введите трехзначное число" << endl;
9      cin >> a;
10     if (a % 2 == 0) {
11         cout << "четное" << endl;
12     }
13     else {
14         cout << "не четное" << endl;
15     }
16     double b = (a % 10 + a % 100 / 10 + a / 100) / 3.;
17     cout << "среднее арифметическое его цифр: " << b;
18
19     return 0;
20 }
```

Стало так



```
1  #include <iostream>
2  using namespace std;
3  bool is_even(int n) {
4      return n % 2 == 0;
5  }
6  double arifMean(int n){
7      return (n % 10 + n % 100 / 10 + n / 100) / 3.;
8  }
9  int main()
10 {
11     int a;
12     cout << "input numbers" << endl;
13     cin >> a;
14     if (is_even(a)) {
15         cout << "even\n";
16     }
17     else {
18         cout << "not even\n";
19     }
20     cout << "arithmetic mean of digits\n " << arifMean(a);
21     return 0;
22 }
```

### Задание 3

было:

```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      setlocale(LC_ALL, "Russian");
7      int z;
8      cout << "Введите номер месяца" << endl;
9      cin >> z;
10     switch (z)
11     {
12     case 1: cout << "Январь";
13             break;
14     case 2: cout << "Февраль";
15             break;
16     case 3: cout << "Март";
17             break;
18     case 4: cout << "Апрель";
19             break;
20     case 5: cout << "Май";
21             break;
22     case 6: cout << "Июнь";
23             break;
24     case 7: cout << "Июль";
25             break;
26     case 8: cout << "Август";
27             break;
28     case 9: cout << "Сентябрь";
29             break;
30     case 10: cout << "Октябрь";
31             break;
32     case 11: cout << "Ноябрь";
33             break;
34     case 12: cout << "Декабрь";
35             break;
36     default: cout << "ошибка";
37             break;
38     }
39     return 0;
40 }
41
```

65 % Проблемы не найдены.

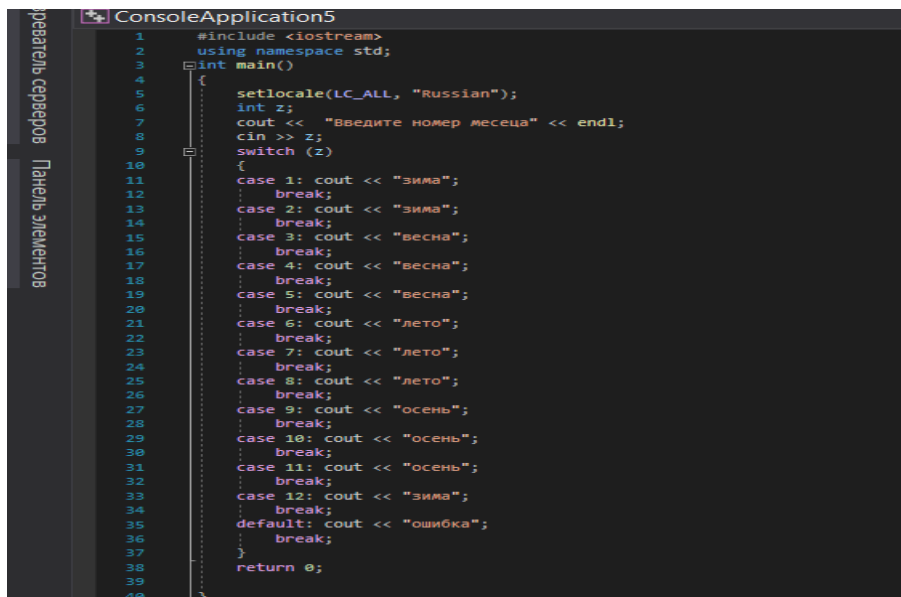
Стало так:

```
1  #include <iostream>
2  using namespace std;
3
4  void numberOfMonth(int z) {
5      switch (z)
6      {
7      case 1: cout << "January";
8              break;
9      case 2: cout << "february";
10             break;
11      case 3: cout << "march";
12             break;
13      case 4: cout << "april";
14             break;
15      case 5: cout << "may";
16             break;
17      case 6: cout << "june";
18             break;
19      case 7: cout << "july";
20             break;
21      case 8: cout << "august";
22             break;
23      case 9: cout << "september";
24             break;
25      case 10: cout << "october";
26             break;
27      case 11: cout << "november";
28             break;
29      case 12: cout << "december";
30             break;
31      default: cout << "error";
32             break;
33      }
34  }
35
36  int main()
37  {
38      int z;
39      cout << "input number of month" << endl;
40      cin >> z;
41      numberOfMonth(z);
42      return 0;
43  }
44
```

62 % Проблемы не найдены.

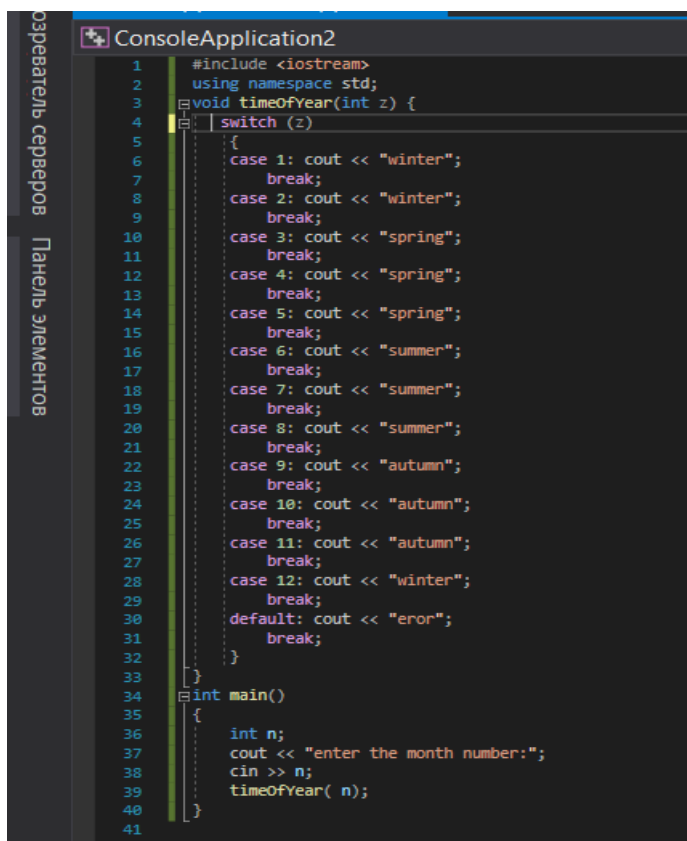
#### Задание 4

было:



```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      setlocale(LC_ALL, "Russian");
6      int z;
7      cout << "Введите номер месяца" << endl;
8      cin >> z;
9      switch (z)
10     {
11         case 1: cout << "зима";
12                 break;
13         case 2: cout << "зима";
14                 break;
15         case 3: cout << "весна";
16                 break;
17         case 4: cout << "весна";
18                 break;
19         case 5: cout << "весна";
20                 break;
21         case 6: cout << "лето";
22                 break;
23         case 7: cout << "лето";
24                 break;
25         case 8: cout << "лето";
26                 break;
27         case 9: cout << "осень";
28                 break;
29         case 10: cout << "осень";
30                 break;
31         case 11: cout << "осень";
32                 break;
33         case 12: cout << "зима";
34                 break;
35         default: cout << "ошибка";
36                 break;
37     }
38     return 0;
39 }
```

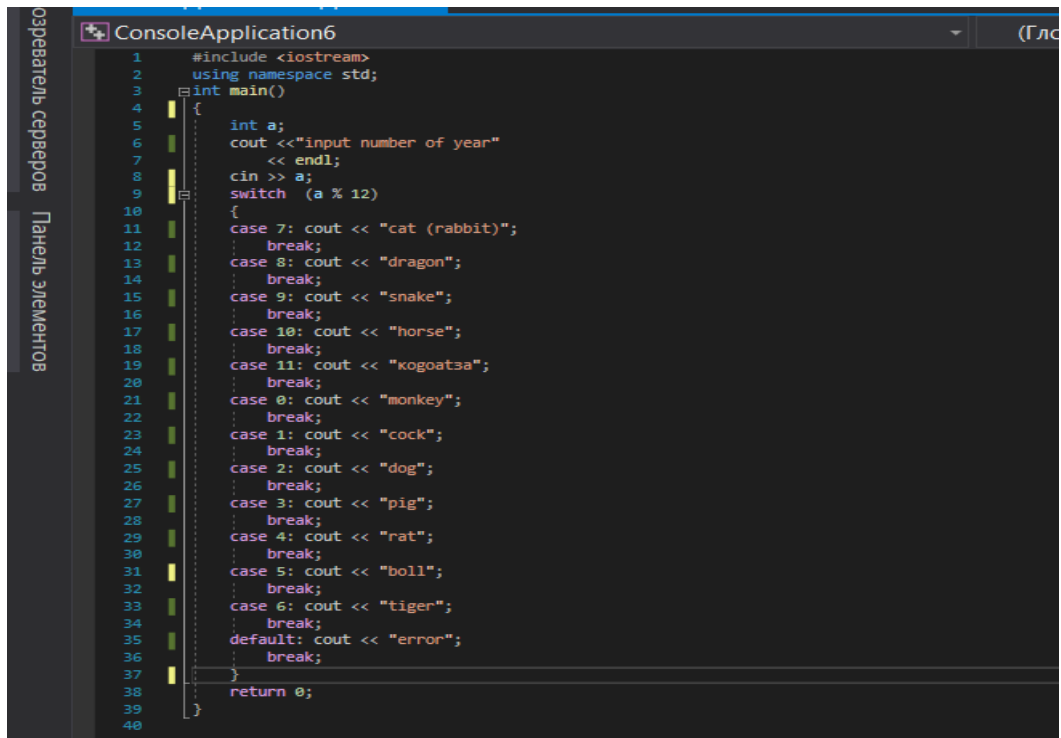
Стало так:



```
1  #include <iostream>
2  using namespace std;
3  void timeOfYear(int z) {
4      switch (z)
5      {
6          case 1: cout << "winter";
7                  break;
8          case 2: cout << "winter";
9                  break;
10         case 3: cout << "spring";
11                 break;
12         case 4: cout << "spring";
13                 break;
14         case 5: cout << "spring";
15                 break;
16         case 6: cout << "summer";
17                 break;
18         case 7: cout << "summer";
19                 break;
20         case 8: cout << "summer";
21                 break;
22         case 9: cout << "autumn";
23                 break;
24         case 10: cout << "autumn";
25                 break;
26         case 11: cout << "autumn";
27                 break;
28         case 12: cout << "winter";
29                 break;
30         default: cout << "eror";
31                 break;
32     }
33 }
34 int main()
35 {
36     int n;
37     cout << "enter the month number:";
38     cin >> n;
39     timeOfYear( n);
40 }
41
```

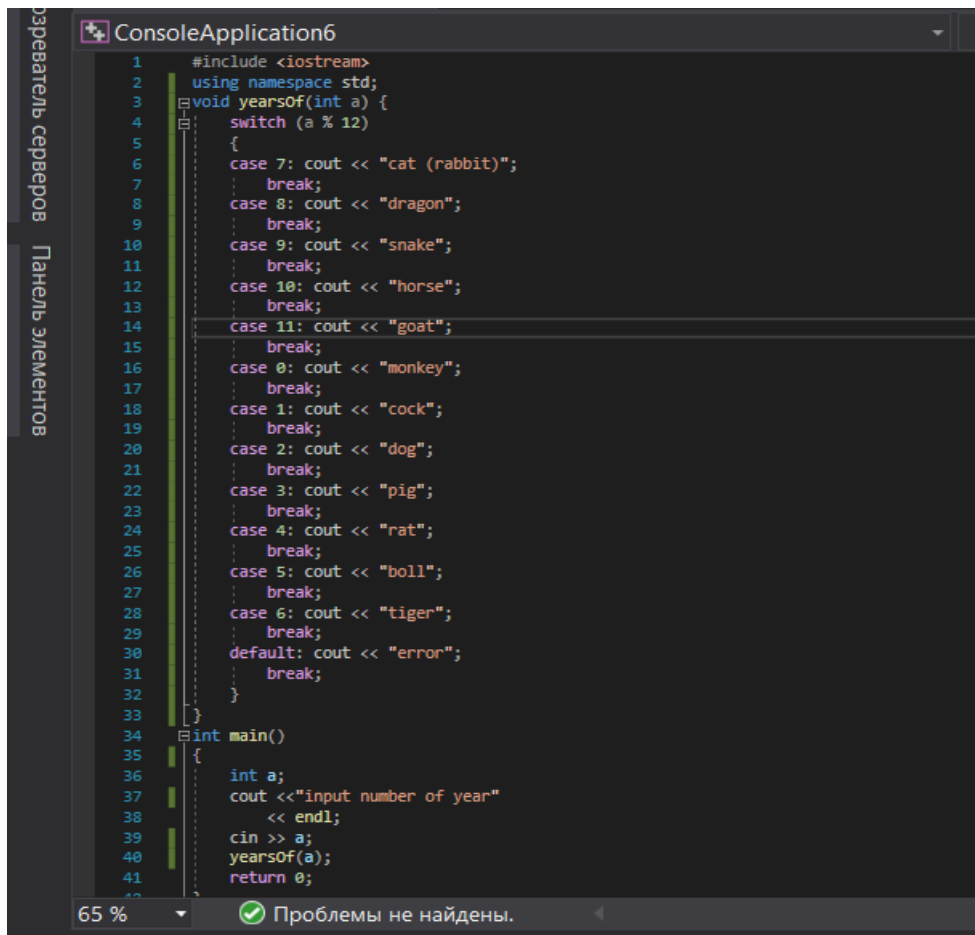
Дополнительное задание

было:




```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int a;
6      cout << "input number of year"
7      << endl;
8      cin >> a;
9      switch (a % 12)
10     {
11     case 7: cout << "cat (rabbit)";
12            break;
13     case 8: cout << "dragon";
14            break;
15     case 9: cout << "snake";
16            break;
17     case 10: cout << "horse";
18            break;
19     case 11: cout << "kogoat3a";
20            break;
21     case 0: cout << "monkey";
22            break;
23     case 1: cout << "cock";
24            break;
25     case 2: cout << "dog";
26            break;
27     case 3: cout << "pig";
28            break;
29     case 4: cout << "rat";
30            break;
31     case 5: cout << "boll";
32            break;
33     case 6: cout << "tiger";
34            break;
35     default: cout << "error";
36            break;
37     }
38     return 0;
39 }
40
```

Стало так:



```
1  #include <iostream>
2  using namespace std;
3  void yearsOf(int a) {
4      switch (a % 12)
5      {
6      case 7: cout << "cat (rabbit)";
7             break;
8      case 8: cout << "dragon";
9             break;
10     case 9: cout << "snake";
11            break;
12     case 10: cout << "horse";
13            break;
14     case 11: cout << "goat";
15            break;
16     case 0: cout << "monkey";
17            break;
18     case 1: cout << "cock";
19            break;
20     case 2: cout << "dog";
21            break;
22     case 3: cout << "pig";
23            break;
24     case 4: cout << "rat";
25            break;
26     case 5: cout << "boll";
27            break;
28     case 6: cout << "tiger";
29            break;
30     default: cout << "error";
31            break;
32     }
33 }
34 int main()
35 {
36     int a;
37     cout << "input number of year"
38     << endl;
39     cin >> a;
40     yearsOf(a);
41     return 0;
42 }
```

65 %  Проблемы не найдены.