

$$ex 2.5$$
 $11 x^3 - 3x + 1 = 0$
 $f(1) = -1$
 $f(1) = -1$
 $f(1) = 3$
 $f(1) = 3$

$$\mathcal{X}_{n+1} = x_n - \frac{f(c_n)}{f'(x_n)}$$

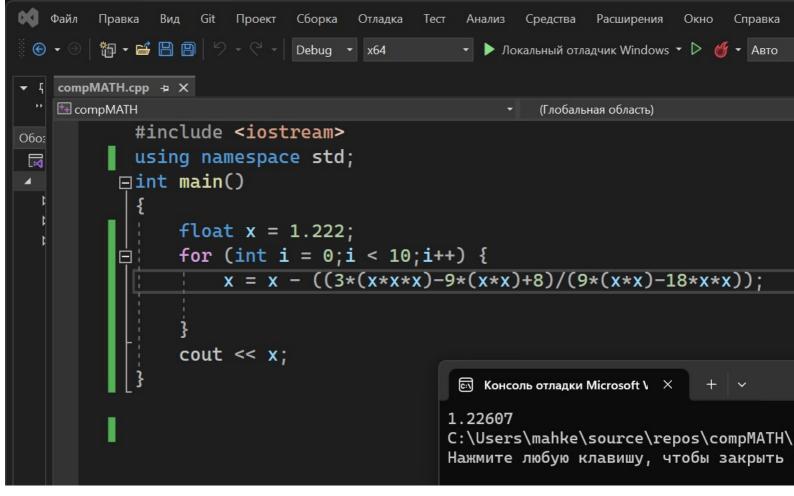
$$f(1): -1$$
 $f(1): -1$
 $f(1): 3$
 $f(1): 3$

$$x_0 = \frac{1}{2}$$

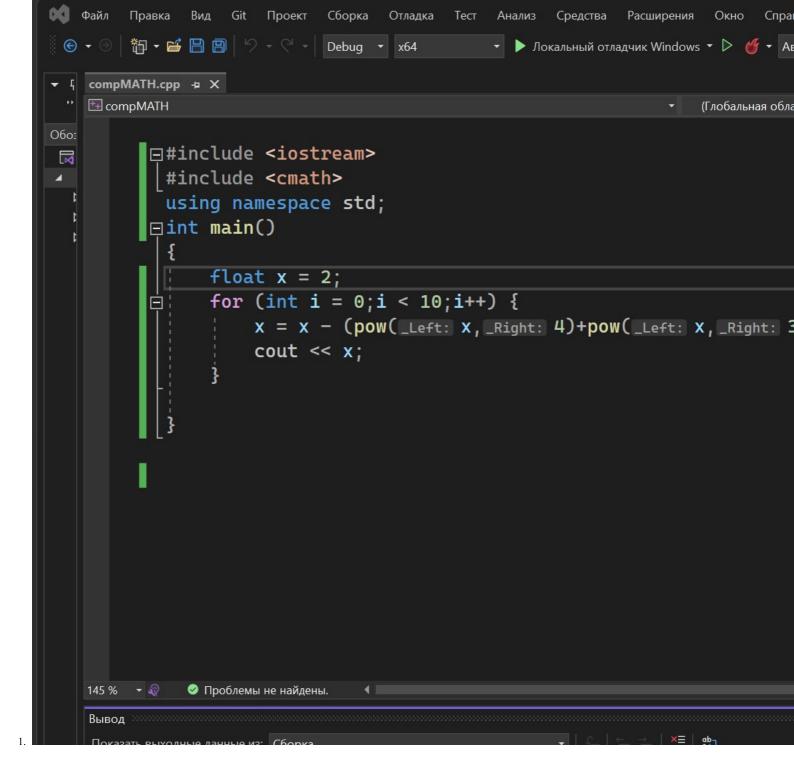
$$x_1 = \frac{1}{9} - \frac{2}{9} = \frac{11}{9}$$

$$x_2 = \frac{11}{9} - \frac{1}{1226}$$

$$x_3 = \frac{1}{1226}$$

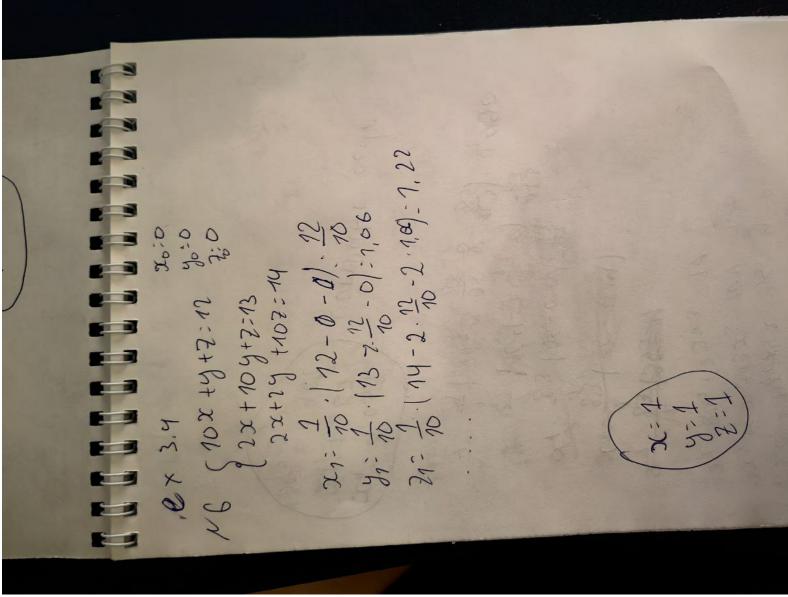


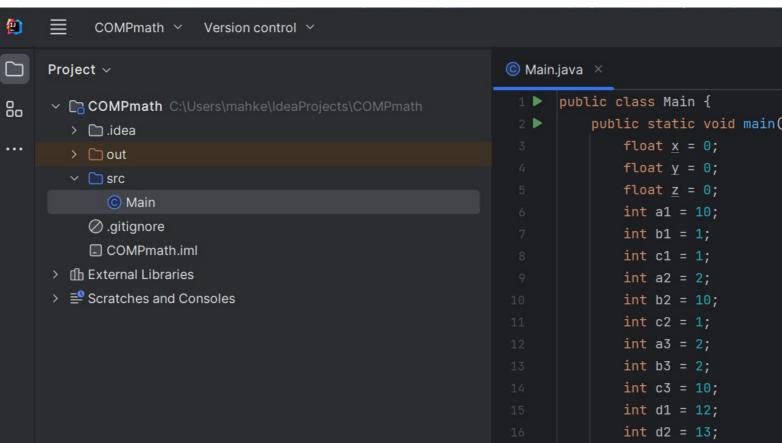
 $\int_{x_{0}} 2c^{3} + x^{3} - 3c + 570 \qquad 2c \cdot f \alpha / c_{3}$ $\int_{x_{0}} 2c^{3} + x^{3} - 7ux - f$ $\int_{x_{0}} 2c - \frac{f'(2)}{f'(x_{0})} = 1.9953$ $\int_{x_{0}} 2c - \frac{f'(2)}{f'(x_{0})} = 1.9953$ $\int_{x_{0}} 2c - \frac{f'(2)}{f'(x_{0})} = 1.9953$ $\int_{x_{0}} \frac{1.9062}{4(x_{0})} = 1.9953$ $\int_{x_{0}} \frac{1.9062}{4(x_{0})} = 1.8569$ $\int_{x_{0}} \frac{1.8569}{4(x_{0})} = 1.4560$ $\int_{x_{0}} \frac{1.75}{f'(x_{0})} = 1.4560$ $\int_{x_{0}}$



```
Файл
       Правка Вид
                     Проект
                           Сборка Отладка Тест Анализ Средства Расширения Окно
                                                                        Справ
ဳ 🕞 🕶 🖰 💾 📳 🤌 ▽ 🧠 ▽ Debug 🔻 х64 🔻 🕨 Локальный отладчик Windows ▼ ▷ 🎳 ▼ Ав
   compMATH.cpp ₽ X
   (Глобальная обла
Обоз
          ⊟#include <iostream>
×
           #include <cmath>
           using namespace std;
          □int main()
                float x = 1.75;
                for (int i = 0;i < 10;i++) {
          Ė
                    x = x - (pow(_Left: x,_Right: 5)-5*pow(_Left: x,_Right:
                    cout << x;
```

Ex 3.4 №6





for (int i = 0:i <

```
for (int j = 0;j
                                                                                          \underline{x} = ((float)
                                                                                          y = ((float)
                                                                                          \underline{z} = ((float)
                                                                                     System.out.print
            Main ×
     Run
    G ■ 🕸 🗇 🖯 :
         C:\Users\mahke\.jdks\openjdk-19.0.2\bin\java.exe "-javaagent:C:\Program Files\JetBrains\
         1.00872 1.01612 0.999416
         0.9999704 0.99991447 1.0000695
         0.999997 0.9999998 0.99999934
         1.0 1.0 1.0
         1.0 1.0 1.0
     ₽
         1.0 1.0 1.0
2
     ⑪
```

1.0 1.0 1.0

2- 19 1 11-3-95-8-83): 1,990 computer code.. $\begin{cases} 83x, + 4x, x4x_3 = 95 & yo : 0 \\ 7x, + 2x, + 13x_3 = 104 & 20 \\ 3x, + 8x, + 29x_3 = 77 \end{cases}$ 367-83 (85 M24) 27- 83 195 M 321= 1,058 22=1,367 44

