```
TestProject1 > 🛵 main.py
                                                                                         Алгоритмический язык
ಕ್ಕ 🦺 main.py 🕽
                                                                         алг
                                                            OFF
           def F(x):
  1
                                                                         нач
                return 2 * (3 - x) * (x + 7)
                                                                            цел a, b, t, M, R
   2
   3
   4
           a = -15
           b = 15
           M = a
   6
           R = F(a)
           for t in range(a, b + 1):
   8
                                                                                                         УТВЕРЖДАЮ
                                                                       пительное испытание
                                                                       информатике и ИКТ
                if F(t) < R:
   9
                                                                          2022 год
                      M = t
 10
                                                                        Вариант № 5
                      R = F(t)
 11
                                                                            a := -15; b := 15
           print(M)
 12
                                                                            M := a; R := F(a)
                                                                            нц для t от а до b
                                                                               если F(t) < R то
                                                                                  M := t; R := F(t)
      🦆 main 🤇
  Run:
                                                                               все
        /Users/alex/.conda/envs/TestProject1/bin/python /Users/ale
                                                                            КЦ
                                                                            вывод М
        Process finished with exit code 0
                                                                         кон
                                                                         алг цел F(цел х)
                                                                         нач
                                                                            знач 2 * (3 - x) * (x + 7)
                                                                         KOH
Download pre-built shared indexes: ... (34 minutes ago)
                                 3:1 LF UTF-8 4 spaces Python 3.9 (TestProject1)
```

Стр. 7 из 8

```
TestProject1 > 🛵 main.py
```

```
main.py ×
          def f(x1, x2, x3, x4, x5, x6, x7):
               l1 = (((x1 == x2) \text{ and } (x1 == x3)) \text{ or } ((x2 == x3) \text{ and } (x2 == x4))) == 0
   3
               12 = (((x2 == x3) \text{ and } (x2 == x4)) \text{ or } ((x3 == x4) \text{ and } (x3 == x5))) == 0
               13 = (((x3 == x4) \text{ and } (x3 == x5)) \text{ or } ((x4 == x5) \text{ and } (x4 == x6))) == 0
   4
               14 = (((x4 == x5) \text{ and } (x4 == x6)) \text{ or } ((x5 == x6) \text{ and } (x5 == x6))) == 0
   5
               return l1 and l2 and l3 and l4
   6
          count = 0
   8
          \nifor x1 in 0, 1:
               for x2 in 0, 1:
  10
  11
                    for x3 in 0, 1:
  12
                         for x4 in 0, 1:
  13
                              for x5 in 0, 1:
  14
                                   for x6 in 0, 1:
  15
                                        for x7 in 0, 1:
  16
                                             if f(x1, x2, x3, x4, x5, x6, x7):
  17
                                                 count += 1
  18
           print(count)
  19
```