```python
def F(x):
    return 2 * (3 - x) * (x + 7)


a = -15
b = 15
M = a
R = F(a)
for t in range(a, b + 1):
    if F(t) < R:
        M = t
        R = F(t)
print(M)
```

```
/Users/alex/.conda/envs/TestProject1/bin/python /Users/al
15

Process finished with exit code 0
```

Алгоритмический язык

алг
нач
    цел a, b, t, M, R

пительное испытание
информатике и ИКТ
    2022 год

УТВЕРЖДАЮ

Вариант № 5

```
a := -15; b := 15
M := a; R := F(a)
нц для t от a до b
    если F(t) < R то
        M := t; R := F(t)
    все
кц
вывод M
кон
алг цел F(цел x)
нач
    знач 2 * (3 - x) * (x + 7)
кон
```

main.py ✕

```python
def f(x1, x2, x3, x4, x5, x6, x7):
    l1 = (((x1 == x2) and (x1 == x3)) or ((x2 == x3) and (x2 == x4))) == 0
    l2 = (((x2 == x3) and (x2 == x4)) or ((x3 == x4) and (x3 == x5))) == 0
    l3 = (((x3 == x4) and (x3 == x5)) or ((x4 == x5) and (x4 == x6))) == 0
    l4 = (((x4 == x5) and (x4 == x6)) or ((x5 == x6) and (x5 == x6))) == 0
    return l1 and l2 and l3 and l4


count = 0
for x1 in 0, 1:
    for x2 in 0, 1:
        for x3 in 0, 1:
            for x4 in 0, 1:
                for x5 in 0, 1:
                    for x6 in 0, 1:
                        for x7 in 0, 1:
                            if f(x1, x2, x3, x4, x5, x6, x7):
                                count += 1
print(count)
```