```
#include <iostream>
#include <math.h>
uint32_t toDecFrom16(std::string tempr){
    uint32_t ans=0;
    int index_pow=7;
    for (int i=0;i<8;i++){...}
    return ans;
int main() {
    // hash from https://dencode.com/ru/hash/sha256
    std::string hash="3b3e819bbd26e99ef80d92994a6707e9f320f231366cd3c93485b2cc9948d132";
    bool answer[32];
    for (int i=0;i<32;i++){
        answer[i]= false;
    for (int i=0;(i+7)<hash.length();i=i+8){</pre>
        std::string tempr=hash.substr( pos: i, n: 8);
        uint32_t temp= toDecFrom16(tempr);
        for (int j=31; j>=0; j--){
            if (temp%2==0 \&\& answer[j]==0){
                answer[j]=0;
            else if (temp%2==1 && answer[j]==1){
                answer[j]=0;
            else if (temp%2==1 && answer[j]==0){
                answer[j]=1;
            else if (temp%2==0 && answer[j]==1){
```

```
for (int i=0;(i+7)<hash.length();i=i+8){</pre>
    std::string tempr=hash.substr( pos: i, n: 8);
    uint32_t temp= toDecFrom16(tempr);
    for (int j=31;j>=0;j--){
         if (temp%2==0 && answer[j]==0){
             answer[j]=0;
         else if (temp%2==1 && answer[j]==1){
             answer[j]=0;
         else if (temp%2==1 && answer[j]==0){
             answer[j]=1;
         else if (temp%2==0 && answer[j]==1){
             answer[j]=1;
         temp=temp/2;
for (int i=0;i<32;i++){
    std::cout<<answer[i];
return 0;
```

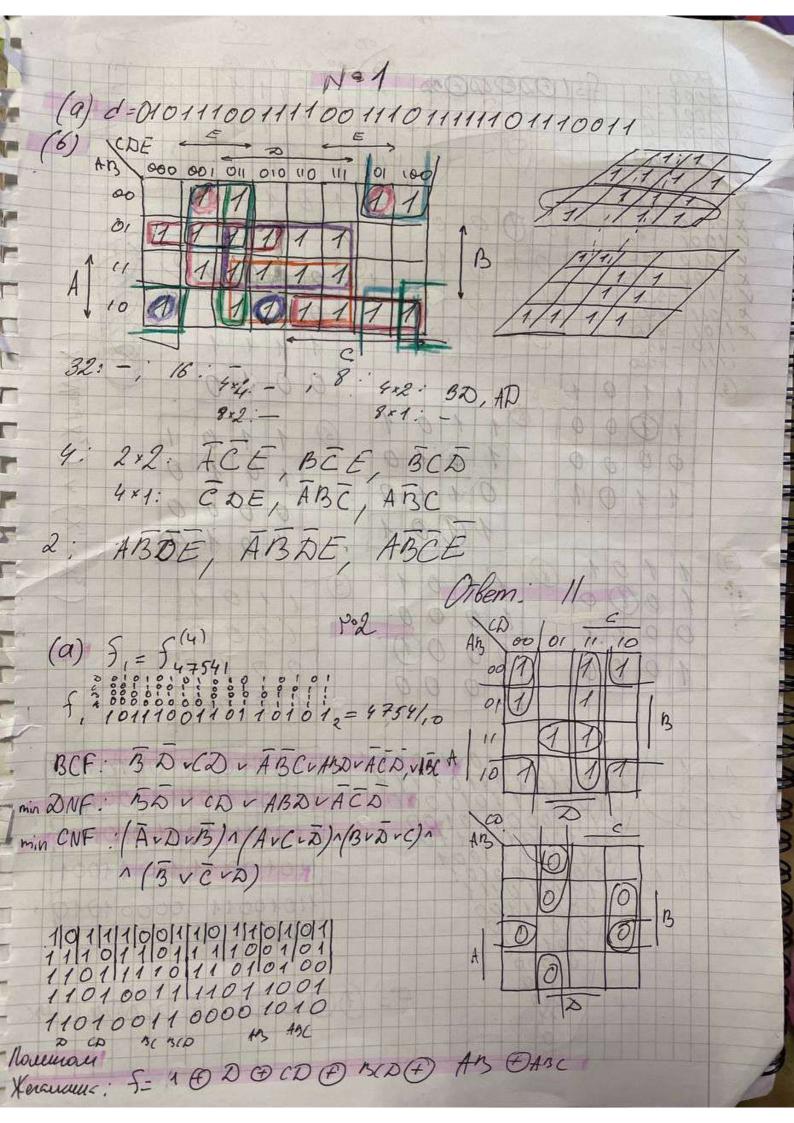
/Users/indo.evri.momint/CLionProjects/diskret/cmake-build-debug/diskret

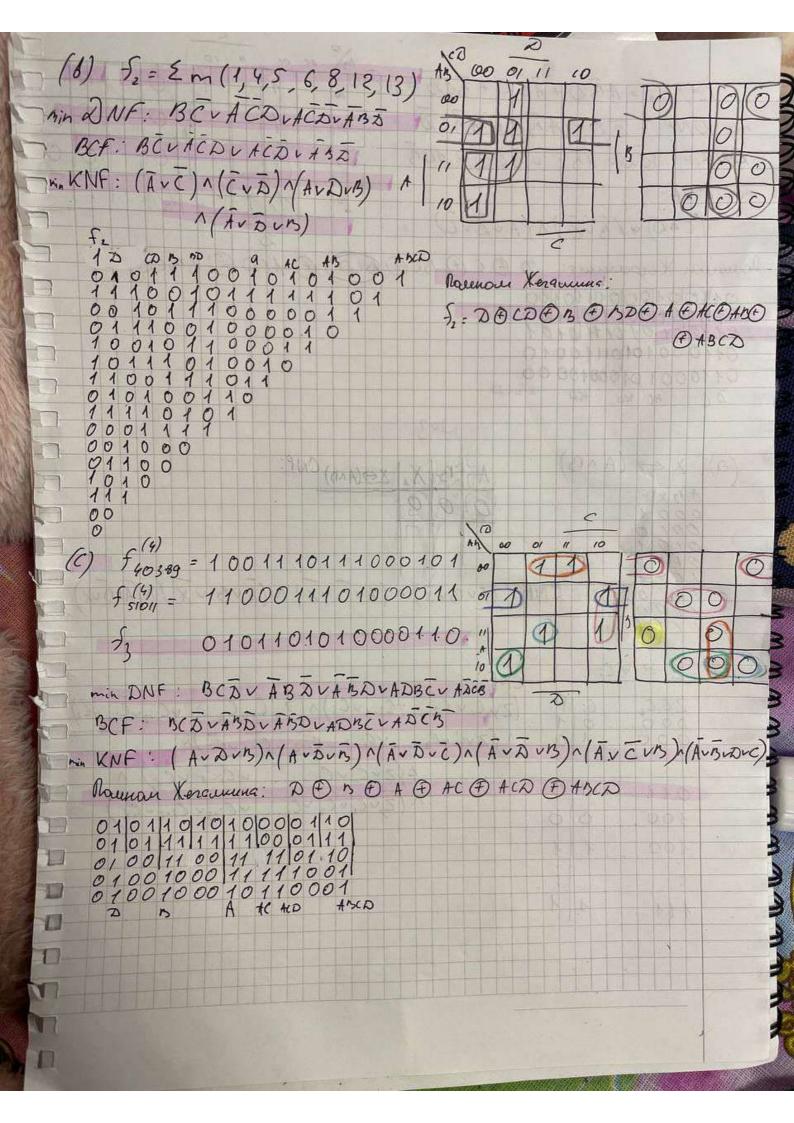
diskret

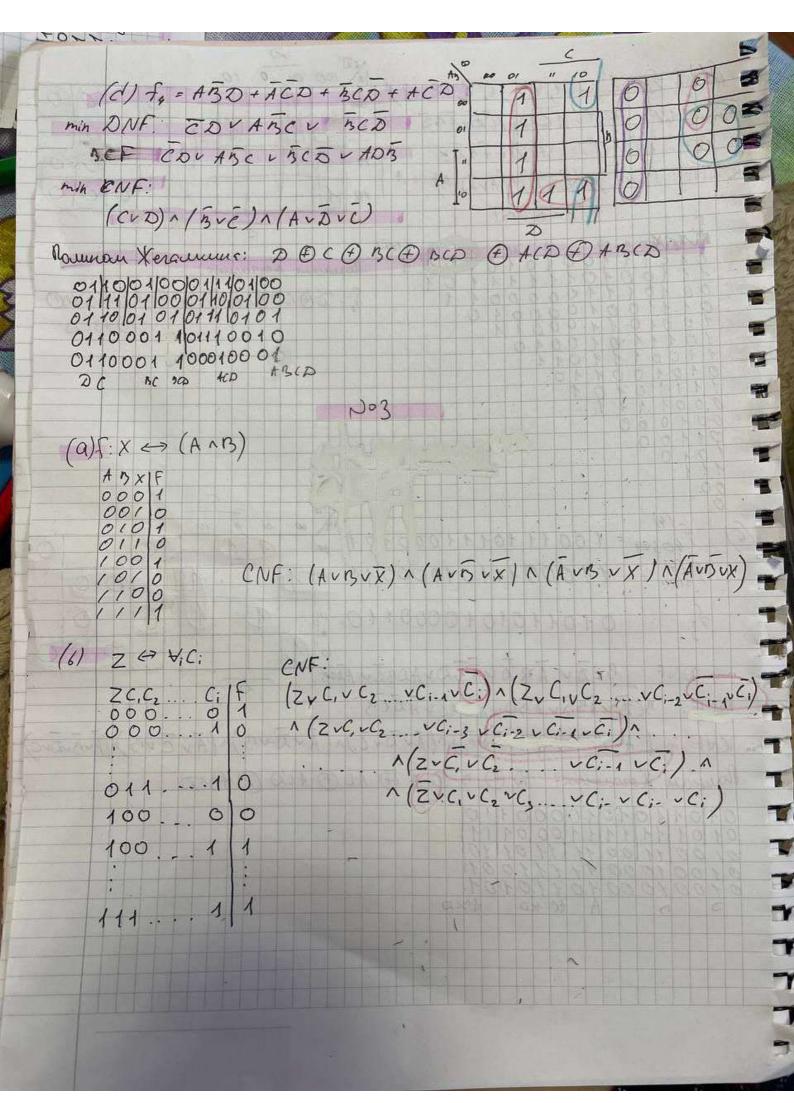
01011100111100111011111101110011 Process finished with exit code 0

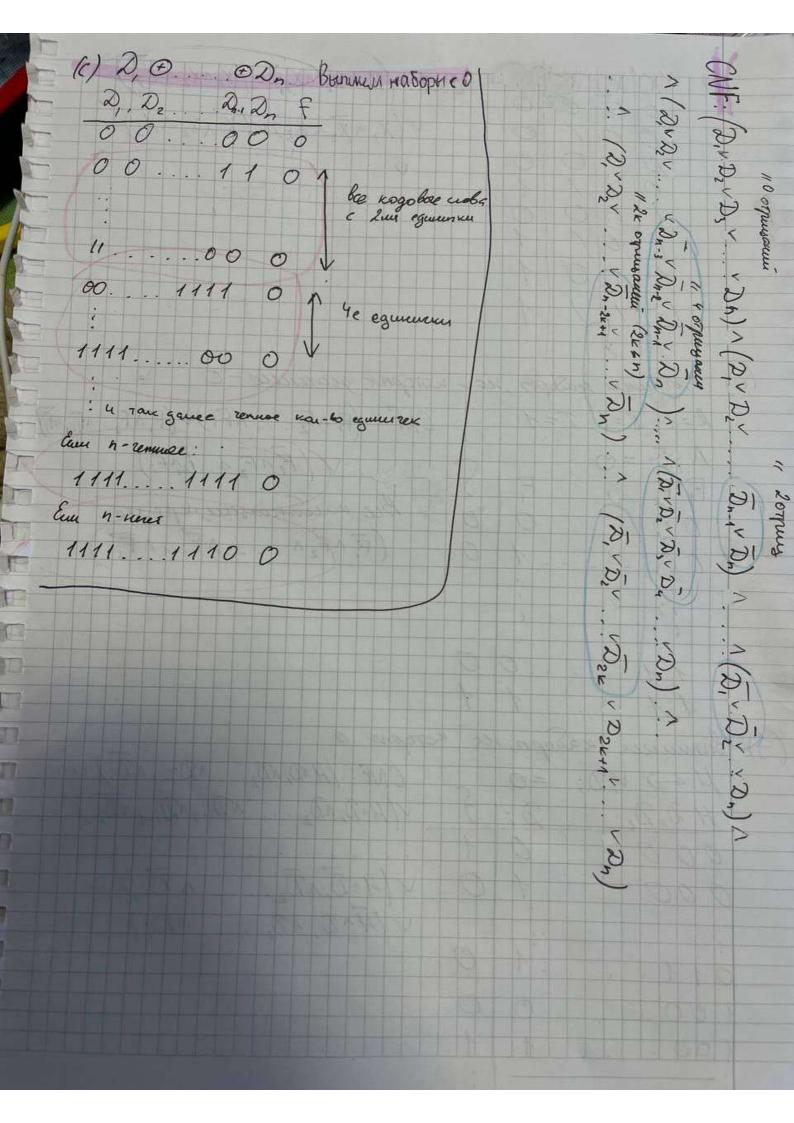
```
00000 - 0
00001 - 1
00010 - 0
00011 - 1
00100 - 1
00101 - 1
00110 - 0
00111 - 0
01000 - 1
01001 - 1
01010 - 1
01011 - 1
01100 - 0
01101 - 0
01110 - 1
01111 - 1
10000 - 1
10001 - 0
10010 - 1
10011 - 1
10100 - 1
10101 - 1
10110 - 1
10111 - 1
11000 - 0
11001 - 1
11010 - 1
11011 - 1
11100 - 0
11101 - 0
11110 - 1
```

11111 - 1

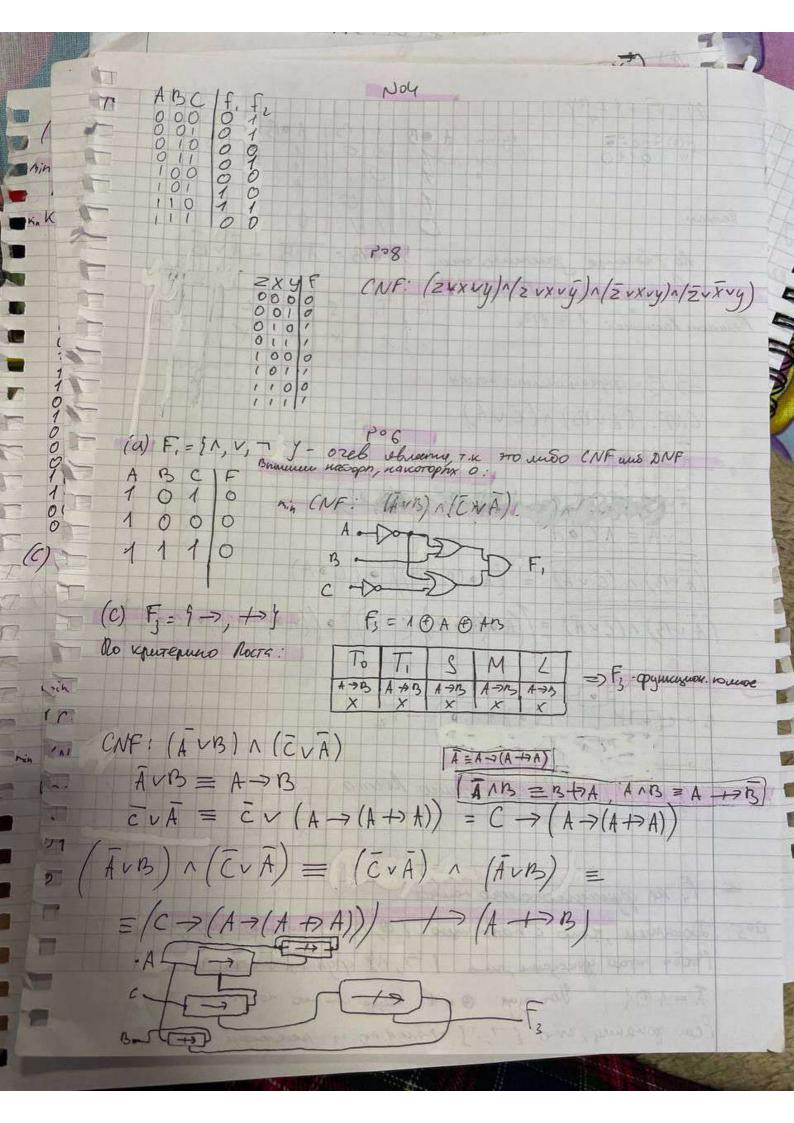


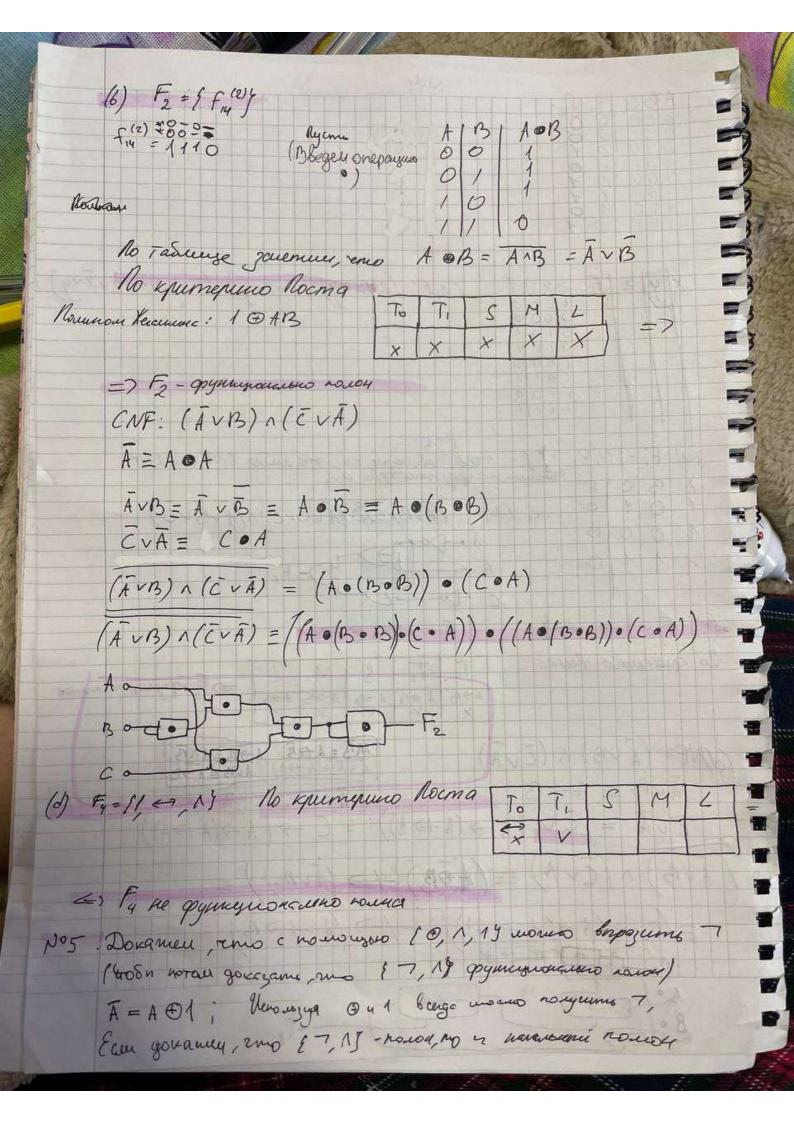






(A) X, 000 (000 (000 (000 (000 (000 (000 (0	0 0 1 0 1 1	$(X, V, X_2, V, X_3) \wedge (X, V, X_2, V, X_3, V, X_3) \wedge (X, V, X_2, V, X_3, V,$
	Брп, каг 1 =1 F, 1 5 0 0	LOTOPHA JEANERULE - O CM: (F. VEV. XF:) \((F. VF. VE. VE.) \) N (F. VF. V. F. VF.) \((F. VF.) \) BLE HOLLMANSHUR, LYDONE (F. VF. V VF. IVF.)
$(5) \text{ banumen was}$ $H \Leftrightarrow V_i D_i$ $H D_i D_i$ $0 0 0$ $0 1 1 \dots$ $1 0 0 \dots$ $1 0 0 \dots$	1 1 Sopn, MG = 2 2: 5 0 1 1 0 1 1 1 1	CNF: $(H \lor D, \lor D_2 \lor \lor D_{i-2} \lor \overline{D}_{i-1} \lor \overline{D}_{i}) \land (H \lor D, \lor \overline{D}_2 \lor \lor \overline{D}_{i-2} \lor \overline{D}_{i}) \land (H \lor D, \lor \overline{D}_2 \lor \lor \overline{D}_{i}) \land (H \lor D, \lor D_2 \lor \lor \overline{D}_{i}) \land (H \lor D, \lor D_2 \lor \lor D_{i})$





4epez 17, 17 monno bospazione v. AUB = AUB AVB = ANB = AUB A menomozya Sizur 17, 1, vy mormo bapajuna modyo pynaguo unsussya anopuru que CNF un DNF 207 Uz runa 63 62 6,60, nongrueno des rosa monno: 63 62 6,60 0 63 62 61 9, 9, 9, 90 Pazuonum D repez Notand 4 Not OR X, (X₂: 066 1 * 1 1 1 9

X₂ X₃ 0 0 0 0 0 0 1 0 0 5, 0 0:0 esponeis_ OT UX nopogica numero repereners 4 bce



