Лаб 6 ангид бодох

```
int main()
              int sar;
                    f("Sariin toog oruul (1-12): ");
                   F("%d", &sar);
              switch(sar)
                            tf("31 udurtei");
                             ("28/29 udurtei");
                            F("31 udurtei");
                            f("30 udurtei");
                             ("31 udurtei");
                            f("30 udurtei");
                            F("31 udurtei");
                             ("31 udurtei");
                            f("30 udurtei");
                            f("31 udurtei");
                            f("30 udurtei");
                            F("31 udurtei");
                   printf("1-12 hoorondoh too oruulna uu");
Sariin toog oruul (1-12): 7
  .Program finished with exit code 0
```

```
4 int main()
                int i, j, p;
                for(i=1;i<=10;i++)
                      for(j=1;j<=10;j++)
                             printf("%d x %d = %d\t", i, j, p);
                      printf("\n");
               return(0);
   17 }
 v 📝 🙎
1 \times 1 = 1
                     1 \times 2 = 2
                                            1 \times 3 = 3
                                                                  1 \times 4 = 4
                                                                                                              1 \times 6 = 6
                                                                                                                                                          1 \times 8 = 8
2 \times 1 = 2
                     2 \times 2 = 4
                                            2 \times 3 = 6
                                                                  2 \times 4 = 8
                                                                                       2 \times 5 = 10
                                                                                                              2 \times 6 = 12
                                                                                                                                    2 \times 7 = 14
                                                                                                                                                          2 \times 8 = 16
                                                                                                                                                                                2 \times 9 = 18
                                                                                                                                                                                                      2 \times 10 = 20
3 \times 1 = 3
                     3 \times 2 = 6
                                                                  3 \times 4 = 12
                                                                                                              3 \times 6 = 18
                                                                                                                                                          3 \times 8 = 24
                                                                                                                                                                                                      3 \times 10 = 30
                                           3 \times 3 = 9
                                                                                       3 \times 5 = 15
                                                                                                                                    3 \times 7 = 21
                                                                                                                                                                                3 \times 9 = 27
4 \times 1 = 4
                     4 \times 2 = 8
                                                                  4 \times 4 = 16
                                                                                                              4 \times 6 = 24
                                                                                                                                                          4 \times 8 = 32
                                            4 \times 3 = 12
                                                                                        4 \times 5 = 20
                                                                                                                                    4 \times 7 = 28
                                                                                                                                                                                4 \times 9 = 36
                                                                                                                                                                                                      4 \times 10 = 40
5 \times 1 = 5
                     5 \times 2 = 10
                                           5 \times 3 = 15
                                                                 5 \times 4 = 20
                                                                                       5 \times 5 = 25
                                                                                                              5 \times 6 = 30
                                                                                                                                    5 \times 7 = 35
                                                                                                                                                          5 \times 8 = 40
                                                                                                                                                                                5 \times 9 = 45
                                                                                                                                                                                                      5 \times 10 = 50
6 \times 1 = 6
                     6 \times 2 = 12
                                            6 \times 3 = 18
                                                                  6 \times 4 = 24
                                                                                        6 \times 5 = 30
                                                                                                              6 \times 6 = 36
                                                                                                                                    6 \times 7 = 42
                                                                                                                                                          6 \times 8 = 48
                                                                                                                                                                                6 \times 9 = 54
                                                                                                                                                                                                      6 \times 10 = 60
7 \times 1 = 7
                     7 \times 2 = 14
                                           7 \times 3 = 21
                                                                  7 \times 4 = 28
                                                                                       7 \times 5 = 35
                                                                                                              7 \times 6 = 42
                                                                                                                                    7 \times 7 = 49
                                                                                                                                                          7 \times 8 = 56
                                                                                                                                                                                7 \times 9 = 63
                                                                                                                                                                                                      7 \times 10 = 70
8 \times 1 = 8
                                                                 8 \times 4 = 32
                                                                                                              8 \times 6 = 48
                                                                                                                                                          8 \times 8 = 64
                     8 \times 2 = 16
                                           8 \times 3 = 24
                                                                                       8 \times 5 = 40
                                                                                                                                    8 \times 7 = 56
                                                                                                                                                                                8 \times 9 = 72
                                                                                                                                                                                                      8 \times 10 = 80
9 \times 1 = 9
                     9 \times 2 = 18
                                                                  9 \times 4 = 36
                                                                                       9 \times 5 = 45
                                                                                                              9 \times 6 = 54
                                                                                                                                    9 \times 7 = 63
                                                                                                                                                          9 \times 8 = 72
                                                                                                                                                                                9 \times 9 = 81
                                           9 \times 3 = 27
                                                                                                                                                                                                      9 \times 10 = 90
10 \times 1 = 10
                     10 \times 2 = 20
                                           10 \times 3 = 30
                                                                 10 \times 4 = 40
                                                                                       10 \times 5 = 50
                                                                                                              10 \times 6 = 60
                                                                                                                                    10 \times 7 = 70
                                                                                                                                                          10 \times 8 = 80
                                                                                                                                                                                10 \times 9 = 90
                                                                                                                                                                                                      10 \times 10 = 100
```

```
5)
```

```
main.c
         int main()
              int n, i, j, k;
             printf("n toog oruul: ")
             scanf("%d", &n);
             k = 1;
              for(i=1; i<=n; i++)
                  for(j=1; j<=n; j++)
                      if(k == 1)
                          printf("x");
                          printf("o");
                      k *= -1;
                  if(n \% 2 == 0)
                      k *= -1;
                 printf("\n");
             return 0;
v 📝 🗿
хохохо
OXOXOX
xoxoxo
OXOXOX
XOXOXO
```

OXOXOX

6)

```
main.c
   1 #include<stdio.h>
      int main()
           int i,j,n,l;
           scanf("%d",&n);
           for (i = 1; i \le n; i++) {
              for (j = 1; j \le i; j++) {
                  printf("x");
  11
              printf("\n");
  12
  13 -
           for (i = n; i >= 1; i--) {
  14 -
              for (1 = i-1; 1 > 0; 1--) {
  15
                  printf("x");
  17
              printf("\n");
  18
  19
           return(0);
  20 }
 🕶 📝 🔏
XX
XXX
XXXX
XXXXX
XXXX
XXX
ХX
```

```
main.c
1)
           #include <stdio.h>
        2 int main() {
               int n, i, f = 0;
               printf("Eyreg too oruul: ");
               scanf("%d", &n);
               for (i = 2; i \le n / 2; ++i) {
                if (n % i == 0) {
                   f = 1;
                   break;
       11
       12
       13
       14 -
               if (n == 1) {
       15
               printf("1 ees uur too oruulna uu.");
       17 -
               else {
       18
                 if (f == 0)
       19
                   printf("%d ene too anhii too.", n);
                 else
       21
                   printf("%d ene too anhnii too bish.", n);
       22
       23
       24
               return 0;
       25
      🕶 📝 🔏
     Eyreg too oruul: 19
     19 ene too anhii too.
      ...Program finished with exit code 0
     Press ENTER to exit console.
```

```
main.c
   4 int main()
          int n,x,y,z;
          scanf("%d",&n);
          for(y=0;y<n;y++)
              for(x=0;x<n;x++){
              z=pow(x,2)-pow(y,2);
              if(z%n==0){
                  printf("%d %d\n",x,y);
          return 0;
  18 }
 0 0
12 1
2 2
11 2
3 3
10 3
3 10
10 10
2 11
11 11
1 12
12 12
```

2)

Гэрт

```
int main()
          int i, j, end, p;
          printf("Eyreg too oruulna uu : ");
               ("%d", &end);
           printf("1 ees %d hurtelh anhnii toonuud ni:\n", end);
          for(i=2; i<=end; i++)
              for(j=2; j<=i/2; j++)
                  if(i%j==0)
                       p = 0;
               if(p==1)
                  printf("%d, ", i);
  27
 V 2 3
Eyreg too oruulna uu : 50
 ees 50 hurtelh anhnii toonuud ni:
2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47,
 .. Program finished with exit code 0
Press ENTER to exit console.
```

```
#include<stdio.h>
#include<math.h>
main(){
  int x,y,z;
  for(x=1;x<=100;x++){
    for(y=1;y<=100;y++)
      for(z=1;z<=100;z++){
        if((pow(x,2) +
pow(y,2)) == pow(z,2)){
           printf("%d %d
%d\n",x,y,z);
  return 0;
```

2)

3)

```
main.c
     #include <stdio.h>
     int main()
         int n,i,c,d;
         scanf("%d",&n);
         for(i=1; i<=n;i++){
             for(c=1;c<=(n-i);c++)
             for(d=1;d<=((2*i)-1);d++)
 11
 12
             printf("\n");
 13
         return 0;
 15 }
     ×
    xxx
   XXXXX
  XXXXXXX
 XXXXXXXXX
****
*******
```