1. A.Segitiga

static void Main()

{

int size = 0;

int row, column;

Console.Write("n=: ");

size = Convert.ToInt32(Console.ReadLine());

Console.WriteLine();

for (row = 0; row < size; row++)

{

for (column = 0; column < row; column++)

{

Console.Write("\*");

}

Console.WriteLine();

}

Console.ReadLine();

}

b. segitiga terbalik

static void Main()

{

int size = 0;

int row, column;

Console.Write("n= ");

size = Convert.ToInt32(Console.ReadLine());

Console.WriteLine();

for (row = 0; row < size; row++)

{

for (column = 0; column < row; column++)

{

If (baris+column >= n-1)

{

Console.Write("\*");

}

If (baris+column <= n-1)

{

Console.Write("\*");

}

Else

{

Console.Write(" ");

}

}

Console.WriteLine();

}

Console.ReadLine();

}

c. jajar genjang

d. segitiga penuh

static void Main()

{

int size = 0;

int row, column, space;

Console.Write("n=: ");

size = Convert.ToInt32(Console.ReadLine());

Console.WriteLine();

for (row = 0; row < size; row++)

{

for (space = size; space > row; space--)

{

Console.Write(" ");

}

for(column = 0; column < (row\*2)-1; column++)

{

Console.Write("\*");

}

Console.WriteLine();

}

Console.ReadLine();

}

e. diamond

static void Main()

{

int size = 0;

int row, columnLeft, spaceLeft, columnRight, spaceRight;

Console.Write("Masukan Ukuran: ");

size = Convert.ToInt32(Console.ReadLine());

// Baris baru.

Console.WriteLine();

for (row = 0; row < size; row++)

{

for (columnLeft = size; columnLeft > row; columnLeft--)

{

Console.Write("\*");

}

for(spaceLeft = 0; spaceLeft < (row\*2); spaceLeft++)

{

Console.Write(" ");

}

for(columnRight = size; columnRight>row; columnRight--)

{

Console.Write("\*");

}

Console.WriteLine();

}

for(row=0; row < size; row++)

{

for(columnLeft = 0; columnLeft <= row; columnLeft++)

{

Console.Write("\*");

}

for(spaceLeft = size-1; spaceLeft>row; spaceLeft--)

{

Console.Write(" ");

}

for(spaceRight = size-2; spaceRight>row-1; spaceRight--)

{

Console.Write(" ");

}

for(columnRight = row+1; columnRight>0; columnRight--)

{

Console.Write("\*");

}

Console.WriteLine();

}

Console.ReadLine();

}

1. A. soal 2A

B. Soal 2B

C. Soal 2C

D. Soal 2D

E. Soal 2E

1. Bilangan Genap

static void Main()

{

            int a, angka;  
           
            Console.Write("n = ");  
            angka = int.Parse(Console.ReadLine());  
  
            Console.WriteLine("Bilangan Genap  : ");  
            for (a = 1; a <= angka; a++)  
            {  
                if (a % 2 == 0)  
                    Console.Write("{0} ", a);  
            }  
  
            Console.ReadKey();

}

1. Bilangan prima

static void Main(string[] args)

{

Console.Write("Masukkan n : ");

int n = int.Parse(Console.ReadLine());

Console.WriteLine();

int count = 0;

for (int i = 1; i <= Math.Pow(n, 2); i++)

{

int Prime = 0;

for (int j = 1; j <= Math.Pow(n, 2); j++)

{

if (i % j == 0)

{

Prime++;

}

}

if (Prime == 2)

{

Console.Write(i + "\t");

count++;

}

if (count == n)

{

break;

}

}

1. Bilangan fibonaci

static void Soal5()

{

Console.Write("Masukkan n : ");

int n = int.Parse(Console.ReadLine());

Console.WriteLine();

string[] Array1D = new string[n];

for (int x = 0; x < n; x++)

{

if(x < 2)

{

Array1D[x] = (1).ToString();

}

else

{

Array1D[x] = (int.Parse(Array1D[x - 1]) + int.Parse(Array1D[x - 2])).ToString();

}

}

CetakArray1D(n, Array1D);

}

static void CetakArray1D(int n, string[] Array1D)

{

for (int i = 0; i < n; i++)

{

Console.Write(Array1D[i] + "\t");

}

}

1. Bilangan decimal ke biner

class Program

{

static void Main(string[] args)

{

int n, c, k;

Console.WriteLine("Masukan Bilangan Decimal : \n");

n = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("\n hasil : \n");

for (c = 131; c >= 0; c--)

{

k = n >> c;

if (Convert.ToBoolean(k & 1))

Console.Write("1");

else

Console.Write("0");

}

Console.ReadKey();

}

}

7 .

8.