**LAB 4 ANSWERS**

**1-** int dice;

Random random = new Random();

dice = random.Next(1, 7);

Console.WriteLine(dice);

switch (dice)

{

case 1:

Console.WriteLine("yek");

break;

case 2:

Console.WriteLine("dü");

break;

case 3:

Console.WriteLine("se");

break;

case 4:

Console.WriteLine("cehar");

break;

case 5:

Console.WriteLine("penc");

break;

case 6:

Console.WriteLine("şeş");

break;

default:

Console.WriteLine("wrong number");

break;

}

Console.ReadLine();

**2-** for (int i = 4; i <= 94; i += 6)

Console.Write(i + " ");

Console.ReadLine();

**3-** int lower, upper, temp, result = 0;

Console.WriteLine("Enter the first number");

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

Console.WriteLine("Enter the second number");

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

if (lower >= upper)

{

temp = lower;

lower = upper;

upper = temp;

}

for (int i = lower; i <= upper; i++)

result = result + i;

Console.Write(result);

Console.ReadLine();

**4-** for (double i = 1; i < 15; i++)

Console.WriteLine(i + "/64 " + i/64);

**5-** int number;

Console.WriteLine("Enter 8 numbers: ");

for (int i = 1; i <= 8; i++)

{

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

if (number % 2 == 1)

Console.WriteLine(number);

}

Console.ReadLine();

**6-** int counter = 0;

int number;

Console.WriteLine("Enter 0 or 1: ");

for (int i = 1; i <= 6; i++)

{

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

if (number == 1)

counter++;

}

Console.WriteLine(counter + " times");

Console.ReadLine();

**7-**  Console.WriteLine("12 midnight");

for (int i = 1; i <= 11; i++)

Console.WriteLine(i + " am");

Console.WriteLine("12 noon");

for (int i = 1; i <= 11; i++)

Console.WriteLine(i + " pm");

Console.ReadLine();

**8-** int n1, n2, result = 0;

Console.WriteLine("Enter a two numbers: ");

n1 = Convert.ToInt32(Console.ReadLine());

n2 = Convert.ToInt32(Console.ReadLine());

for (int i = 0; i < Math.Abs(n2); i++)

result = result + n1;

if (n2 < 0)

result = -result;

Console.WriteLine(result);

Console.ReadLine();

**9-** int i = 4;

while (i <= 94)

{

Console.Write(i + " ");

i = i + 6;

}

Console.ReadLine();

**10-**  int N, k = 1;

Console.Write("N = ");

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

double result = 0.0;

for (int i = 1; i <= N; i++)

{

result = result + Math.Pow(k, 2) / Math.Pow(k, 3);

k += 2;

}

Console.WriteLine("Result = " + result);

Console.ReadLine();

**11-**  int dice, count = 0;

Random random = new Random();

do

{

dice = random.Next(1, 7);

count++;

Console.WriteLine(count + ". try " + dice);

} while (dice != 6);

Console.WriteLine(count + " times");

Console.ReadLine();