**Date:-21-Feb-2022**

**Krishna Bhoi**

**Program-Write a code for print odd numbers inC#**

**using** System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

for (int i = 1; i <= 10; i++)

{

if (i%2!=0)

{

Console.WriteLine(i);

}

}

Console.ReadLine();

}

}

}

**Date:-21-Feb-2022**

**Krishna Bhoi**

Program-Write a code for print even numbers in C#

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

for (int i = 1; i <= 10; i++)

{

if (i%2==0)

{

Console.WriteLine(i);

}

}

Console.ReadLine();

}

}

}

**Date:-21-Feb-2022**

**Krishna Bhoi**

Program –Write a code to demonstrate cotinue statement.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

for (int i = 1; i <= 10; i++)

{

if (i%2==0)

{

if (i >= 6)

{

Console.WriteLine(i);

continue;

}

}

}

Console.ReadLine();

}}}

**Date:-21-Feb-2022**

**Krishna Bhoi**

Program-Write a code to demonstrate break statement.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

for (int i = 1; i <= 10; i++)

{

if (i%2==0)

{

Console.WriteLine(i);

if (i == 6)

{

break;

}

}

}

Console.ReadLine();

}}}

**Date:-21-Feb-2022**

**Krishna Bhoi**

Program-Write a code to print first 10 numbers using whuile loop.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

int i=1;

while ( i <= 10)

{

Console.WriteLine(i);

i++;

}

Console.ReadLine();

}

}

}

**Date:-21-Feb-2022**

**Krishna Bhoi**

Program-Write a code to print even numbers using while loop in C#.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace simplec

{

class Program

{

static void Main(string[] args)

{

int i=1;

while ( i <= 10)

{

if (i % 2 == 0)

{

Console.WriteLine(i);

}

i++;

}

Console.ReadLine();

}

}

}

**Date: 28th-feb-2022**

**Program: Array Function**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace array1

{

class Program

{

int i, sum;

void show()

{

int[] a = { 4, 5, 6, 7, 98 };

for ( i = 0; i <a.Length; i++)

{

sum = sum + a[i];

}

Console.WriteLine(sum);

Console.ReadLine();

}

static void Main(string[] args)

{

Program p1 = new Program();

p1.show();

}}}

**Date: 28th-feb-2022**

**Program:Use of Function**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace function

{

class function

{

void show()

{

Console.WriteLine("Enter");

Console.ReadLine();

}

static void Main(string[] args)

{

function p1 = new function();

p1.show();

}

}

}

**Date: 28th-feb-2022**

Program: Checking number maximum or not.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace maxfunction

{

class Program

{

int i, sum, maxi;

void max()

{

int[] a = { 4, 5, 6, 7, 98, 105,55 };

for (i = 0; i < a.Length; i++)

{

if (a[i] > maxi)

{

maxi = a[i];

}

}

Console.WriteLine(maxi);

Console.ReadLine();

}

static void Main(string[] args)

{

Program p1 = new Program();

p1.max();

}

}

}

**Date:- 07-March-2022**

**Krishna Bhoi**

Program:- Default Constructor

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

Program()

{

Console.WriteLine("Constructer is called. ");

}

static void Main(string[] args)

{

Program p1 = new Program();

Console.ReadLine();

}

}

}

Outpu:- Constucter is called

**Date:- 07-March-2022**

**Krishna Bhoi**

Program:- Accessing value from Constructor which are having Private scope.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int age;

Program()

{

age = 29;

Console.WriteLine(age);

}

static void Main(string[] args)

{

Program p1 = new Program();

Console.ReadLine();

}

}

}

Output:- 29

**Date:- 07-March-2022**

**Krishna Bhoi**

Program:- Parameterized Constructer

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int a;

string n;

Program(int age, string name)

{

a = age;

n = name;

}

static void Main(string[] args)

{

Program p1 = new Program(19, "Krishna Bhoi");

Console.WriteLine(p1.a);

Console.WriteLine(p1.n);

Console.ReadLine();

}

}

}

Output:- 19

Krishna Bhoi

**Date:- 07-March-2022**

**Krishna Bhoi**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int a;

string n;

Program(int age, string name)

{

a = age;

n = name;

}

static void Main(string[] args)

{

Program p1 = new Program(19, "Krishna Bhoi");

Console.WriteLine(p1.a+" "+p1.n);

Console.ReadLine();

}

}

}

Output:- 19 Krishna Bhoi

**Date:- 07-March-2022**

**Krishna Bhoi**

Program :-

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int a, sum, res;

Program()

{

Console.WriteLine("Enter the Number :-");

int a = Convert.ToInt32 (Console.ReadLine());

res = a;

for (int i = 1; i <= 10; i++)

{

sum = i \* a;

Console.WriteLine(sum);

}

}

static void Main(string[] args)

{

Program p1 = new Program();

Console.ReadLine();

}

}}

**Date:- 07-March-2022**

**Krishna Bhoi**

Program :-Parameterized Constructer using user through value,

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int a, sum;

Program(int a)

{

for (int i = 1; i <= 10; i++)

{

sum = i \* a;

Console.WriteLine(sum);

}

}

static void Main(string[] args)

{

Console.WriteLine("Enter the Number :-");

int a = int.Parse(Console.ReadLine());// we can also use Convert.ToInt 32 (int.Parse)

Program p1 = new Program(a);

Console.ReadLine();

}

}

}

**Date:- 07-March-2022**

**Krishna Bhoi**

Program:- Destructer Program

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace constucter

{

class Program

{

int a, sum;

Program(int a)

{

for (int i = 1; i <= 10; i++)

{

sum = i \* a;

Console.WriteLine(sum);

}

}

~Program()

{

Console.WriteLine("Destructor Called");

Console.ReadLine();

}

static void Main(string[] args)

{

Console.WriteLine("Enter the Number :-");

int a = int.Parse(Console.ReadLine());// we can also use Convert.ToInt 32 (int.Parse)

Program p1 = new Program(a);

Console.ReadLine();

}

}

}

**Date:- 14th-March-2022**

**Krishna Bhoi**

**-Program :- Perform Single Inheritance**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace single\_inheritance

{

class stud

{

public string name="Krishna Bhoi ";

public int class1=14;

}

class exam:stud

{

public string course = "BCA";

}

class Program

{

static void Main(string[] args)

{

exam e1=new exam();

Console.WriteLine("Name:-"+e1.name);

Console.WriteLine("Class:-"+e1.class1);

Console.WriteLine("Course:-" + e1.course);

Console.ReadLine();

}

}

}

**Output:-**

Name:- Krishna Bhoi

Class:- 14

Course:- BCA

**Date:- 14th-March-2022**

**Krishna Bhoi**

**-Program :-**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace single\_inheritance

{

class stud

{

public string name;

public int class1;

public void showinfo()

{

name="Krishna Bhoi ";

class1=14;

Console.WriteLine(name);

Console.WriteLine(class1);

}

}

class exam:stud

{

public string course;

public void showsubject()

{

course = "BCA";

Console.WriteLine(course);

}

}

class Program

{

static void Main(string[] args)

{

exam e1=new exam();

e1.showinfo();

e1.showsubject();

Console.ReadLine();

}

}

}

**Date:- 14th-March-2022**

**Krishna Bhoi**

**-Program :- Multilevel Inheritance**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace single\_inheritance

{

class stud

{

public string name;

public int class1;

public void showinfo()

{

name="Krishna Bhoi ";

class1=14;

Console.WriteLine(“Name= ”+name);

Console.WriteLine(“Class= ”+class1);

}

}

class exam:stud

{

public string course;

public void showsubject()

{

course = "BCA";

Console.WriteLine(“Course= ”+course);

}

}

class result : exam

{

public string result1;

public void showresult()

{

result1 = "Passed";

Console.WriteLine(“Result= ”+result1);

}

}

class Program

{

static void Main(string[] args)

{

result r1=new result();

r1.showinfo();

r1.showsubject();

r1.showresult();

Console.ReadLine();

}

}

}

**Output:-**

**Date:- 21th-March-2022**

**Krishna Bhoi**

**Program:-** Demonstrate The Interface in C#.

>> using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace Interface

{

public class Student

{

public string name ;

public string class1;

public void stud\_name()

{

Console.WriteLine("Krishna Bhoi");

Console.WriteLine("SYBCA");

}

}

interface Exam

{

void showsub();

}

public class result : Student,Exam

{

public void showsub()

{

Console.WriteLine("C#.net");

}

public string result1;

public void showresult()

{

Console.WriteLine("Passed");

}

}

class Program

{

static void Main(string[] args)

{

result r1 = new result();

r1.stud\_name();

r1.showsub();

r1.showresult();

Console.ReadLine();

}

}

}

**Output :-**

Krishna Bhoi

SYBCA

C#.net

Passed

Program:- Function Overloading remaining

**Date:- 21th-March-2022**

**Krishna Bhoi**

**Program :-** Method Overriding in simple way using C#.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace m\_override

{

public class method\_override

{

public void display()

{

Console.WriteLine("Base Class");

}

}

class B1 : method\_override

{

public void display()

{

Console.WriteLine("Derived Class");

}

}

class Program

{

static void Main(string[] args)

{

method\_override m1 = new method\_override();

m1.display();

B1 b1 = new B1();

b1.display();

Console.ReadLine();

}

}

}