**Object Oriented Programming**

Program-1 : C# -G Hello World print Kiv|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

// My first program in C#

Console.WriteLine("Hello World");

Console.ReadKey();

}

}

}

Program-2 : C# -G BbcyU MÖnY|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int num\_1, num\_2;

Console.Write("Enter the first number:");

num\_1 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter the second number:");

num\_2 = Convert.ToInt32(Console.ReadLine());

Console.ReadKey();

}

}

}

Program-3 : C# -G `yBwU msL¨v BbcyU MÖnY K‡i Zv‡`i †hvMdj wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int num\_1, num\_2,total;

Console.Write("Enter the first number:");

num\_1 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter the second number:");

num\_2 = Convert.ToInt32(Console.ReadLine());

total = num\_1 + num\_2;

Console.WriteLine("Total is:" + total);

Console.ReadKey();

}

}

}

Program-4 : C# -G wZbwU msL¨v BbcyU MÖnY K‡i Zv‡`i g‡a¨ eo msL¨v wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int num\_1, num\_2,num\_3,maximum;

Console.Write("Enter the first number:");

num\_1 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter the second number:");

num\_2 = Convert.ToInt32(Console.ReadLine());

Console.Write("Enter the thard number:");

num\_3 = Convert.ToInt32(Console.ReadLine());

if (num\_1 > num\_2 && num\_1 > num\_3)

maximum = num\_1;

else if (num\_2 > num\_1 && num\_2 > num\_3)

maximum = num\_2;

else

maximum = num\_3;

Console.WriteLine("The large number is:" + maximum);

Console.ReadKey();

}

}

}

Program-5 : C#-G 1-100 ch©šÍ for loop Gi mvnv‡h¨ print KiY|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i,num;

for(i=1; i<=100; i++)

{

Console.WriteLine("{0} is print!",i);

}

Console.ReadKey();

}

}

}

Program-6 : C#-G n msL¨K BbcyU MÖnY K‡i for loop Gi mvnv‡h¨ ‡hvMdj wbY©q |

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i,n,sum=0;

Console.Write("Enter the last number of the series:");

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

for (i = 1; i <= n; i++)

{

sum += i;

}

Console.WriteLine("Summation of the series:{0}", sum);

Console.ReadKey();

}

}

}

Program-7 : C#-G 3+6+9....+60 Series wUi for loop Gi mvnv‡h¨ ‡hvMdj wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i, sum = 0;

for (i = 3; i <= 60; i+=3)

{

sum += i;

}

Console.WriteLine("Summation of the series:{0}", sum);

Console.ReadKey();

}

}

}

Program-8 : C#-G 662+602+542....+362 Series wUi for loop Gi mvnv‡h¨ ‡hvMdj wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i, sum = 0;

for (i = 66; i >= 36; i-=6)

{

sum += i\*i;

}

Console.WriteLine("Summation of the series:{0}", sum);

Console.ReadKey();

}

}

}

Program-9 : C#-G 55+46+37....+27 Series wUi for loop Gi mvnv‡h¨ ‡hvMdj wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i, sum = 0;

for (i = 55; i >= 27; i-=9)

{

sum += i;

}

Console.WriteLine("Summation of the series:{0}", sum);

Console.ReadKey();

}

}

}

Program-10 : while loop Gi mvnv‡h¨ BbcyU wb‡q `yBwU msL¨vi g‡a¨ ‡hvMdj wbY©q|

using System;

namespace My\_Console\_Application

{

public class Program

{

public static void Main(string[] args)

{

int i = 1, j = 1, sum = 0;

while (i != 0 && j != 0)

{

Console.Write("Enter the first number: ");

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

Console.Write("Enter the second number: ");

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

sum = i + j;

Console.WriteLine("The result:"+sum);

Console.ReadKey();

}

}

}

}

Program-11 : switch statement use K‡i ‡Kv‡bv GKwU alphabet vowel wK consonant bv Zv hvPvB KiY|

using System;

namespace \_\_\_\_\_My\_\_first\_\_Console\_\_Application\_\_\_\_\_

{

class Program

{

static void Main(string[] args)

{

char ch;

Console.Write("Enter an Alphabet:");

ch = Convert.ToChar(Console.ReadLine());

switch (char.ToLower(ch))

{

case 'a':

Console.WriteLine("Vowel");

break;

case 'e':

Console.WriteLine("Vowel");

break;

case 'i':

Console.WriteLine("Vowel");

break;

case 'o':

Console.WriteLine("Vowel");

break;

case 'u':

Console.WriteLine("Vowel");

break;

default:

Console.WriteLine("Consonant");

break;

}

Console.Write("The alphabet is:" + ch);

Console.ReadKey();

}

}

}

Program-12 : Index input wb‡q Array element print Kiv|

using System;

namespace \_\_\_\_\_My\_\_first\_\_Console\_\_Application\_\_\_\_\_

{

class Program

{

static void Main(string[] args)

{

int index\_size, i;

int[] ArrayN = new int[100];

Console.Write("Enter the index number:");

index\_size = Convert.ToInt32(Console.ReadLine());

for(i=0; i<index\_size; i++)

{

Console.Write("ArrayN[{0}]:", i);

ArrayN[i] = Convert.ToInt32(Console.ReadLine());

}

Console.WriteLine("Array Output:");

for(i=0; i < index\_size; i++)

{

Console.WriteLine("ArrayN[{0}] = {1}", i, ArrayN[i]);

}

}

}

}

Program-13 : Index input wb‡q Array element ¸‡jv‡K Ascending to descending Order G mvRv‡bv|

using System;

namespace \_\_\_\_\_My\_\_first\_\_Console\_\_Application\_\_\_\_\_

{

class Program

{

static void Main(string[] args)

{

int i, j, temp, index\_N;

Console.Write("Enter the index:");

index\_N = Convert.ToInt32(Console.ReadLine());

int[] Array\_N = new int[20];

for (i = 0; i < index\_N; i++)

{

Console.Write("Array[{0}]:", i);

Array\_N[i] = Convert.ToInt32(Console.ReadLine());

}

for (i = 0; i < 4; i++)

{

for (j = i + 1; j < 4; j++)

{

if (Array\_N[i] > Array\_N[j])

{

temp = Array\_N[i];

Array\_N[i] = Array\_N[j];

Array\_N[j] = temp;

}

}

Console.WriteLine("Array:{0}",Array\_N[i]);

}

}

}

}