Assignment 1:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

int n;

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

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

//Table using for loop

Console.WriteLine("Using for loop : ");

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

{

Console.WriteLine(n+" \* "+j+" = "+(n\*j));

}

//table using while loop

int i = 1;

Console.WriteLine("\nUsing while loop : ");

while (i <= 10)

{

Console.WriteLine(n + " \* " + i + " = " + (n \* i));

i++;

}

//Table using do while loop

Console.WriteLine("\nUsing do while loop : ");

int k = 1;

do

{

Console.WriteLine(n + " \* " + k + " = " + (n \* k));

k++;

} while (k <= 10);

//Hold Outen

Console.ReadKey();

}

}

}

Assignment 2:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

Console.Write("Enter name : ");

string name = Console.ReadLine();

Console.Write("Enter Orgnization : ");

string orgnization = Console.ReadLine();

Console.Write("Enter Dest : ");

string dest = Console.ReadLine();

Console.Write("Enter Salary : "); ;

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

Console.Write("Enter HRA : ");

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

Console.Write("Enter DA : ");

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

Console.Write("Enter City : ");

string city = Console.ReadLine();

Console.WriteLine("---------------------------------------");

int total\_salary = salary + hra + da;

Console.WriteLine("Name : "+name+

"\nOrignization : "+orgnization+

"\nDest : "+dest+

"\nCity : " + city+

"\nSalary : " +salary+

"\nHRA : "+hra+

"\nDA : "+da

);

if(total\_salary >= 5000)

{

Console.WriteLine("5% of "+total\_salary+" : "+(5 \* total\_salary) / 100);

}

else if(total\_salary >= 2000 && total\_salary <= 5000)

{

Console.WriteLine("2% of " + total\_salary + " : " + (2 \* total\_salary) / 100);

}

else

{

Console.WriteLine("Wait for next approval");

}

//Hold Outen

Console.ReadKey();

}

}

}

Assignment 3:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter your choise \n1.Add \n2.Subtraction \n3.multiplication \nChoise : ");

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

Console.WriteLine("Enter Number 1 : ");

int num1 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter Number 2 : ");

int num2 = int.Parse(Console.ReadLine());

switch(ch)

{

case 1 :

Console.WriteLine("Sum = "+(num1 + num2));

break;

case 2:

Console.WriteLine("Sub = "+(num1 - num2));

break;

case 3:

Console.WriteLine("Multi = "+(num1 \* num2));

break;

}

//Hold Outen

Console.ReadKey();

}

}

}

Assignment 4:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

Console.Write("Name : ");

string name = Console.ReadLine();

Console.Write("City : ");

string city = Console.ReadLine();

Console.Write("State : ");

string state = Console.ReadLine();

Console.Write("Mobile : ");

string mobile = Console.ReadLine();

Console.Write("College : ");

string college = Console.ReadLine();

Console.Write("Subject : ");

string subject = Console.ReadLine();

Console.Write("Mark 1 : ");

int m1 = int.Parse(Console.ReadLine());

Console.Write("Mark 2 : ");

int m2 = int.Parse(Console.ReadLine());

Console.Write("Mark 3 : ");

int m3 = int.Parse(Console.ReadLine());

Console.Write("Mark 4 : ");

int m4 = int.Parse(Console.ReadLine());

Console.Write("Mark 5 : ");

int m5 = int.Parse(Console.ReadLine());

Console.WriteLine("-------------------------------------------");

if(m1 >= 40 && m2 >= 40 && m3 >= 40 && m4 >= 40 && m5 >= 40)

{

int total\_mark = m1 + m2 + m3 + m4 + m5;

Console.WriteLine("Total : " + total\_mark);

if(total\_mark >= 250)

{

Console.WriteLine("Grade A");

}

else if(total\_mark > 150 && total\_mark < 250)

{

Console.WriteLine("Grade B");

}

else

{

Console.WriteLine("Fail");

}

}

else

{

Console.WriteLine("Fail");

}

Console.WriteLine("\nName : " +name+

"\nCity : " +city+

"\nState : " +state+

"\nMobile : " +mobile+

"\nCollege " +college+

"\nSubject : "+subject);

//Hold Output

Console.ReadKey();

}

}

}