day-1 Assignment

Question- 01: **Take 2 numbers from a user and add them.**

Solution:

static void Addingnumbers()

{

int n1, n2, sum;

console.writeline("enter 1st number: ");

n1 = convert.toint32(console.readline());

console.writeline("enter 2nd number: ");

n2 = convert.toint32(console.readline());

sum = n1 + n2;

console.writeline($"the sum of {n1} and {n2} is {sum}");

}

AddingNumbers();

Question- 02: **Take 2 Numbers from user and print the biggest.**

Solution:

int n1, n2;

Console.WriteLine("Enter two number: ");

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

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

if (n1 > n2)

{

Console.WriteLine("The Biggest Number is {0}", n1);

}

else

Console.WriteLine("The biggest Number is {0}", n2);

Question- 03: **Take a number from user and check if it is even.**

Solution:

int n1;

Console.WriteLine("Enter two number: ");

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

if (n1 % 2 == 0)

{

Console.WriteLine("The number {0} is even:", n1);

}

else

{

Console.WriteLine("The Number {0} is odd", n1);

}

Question- 04: **Take a number from user and find if it is prime or not.**

Solution:

static bool PrimeNumber(int n)

{

for (int i = 2; i < Math.Sqrt(n); i++)

{

if (n % i == 0)

{

return false;

}

}

return true;

}

int n;

Console.WriteLine("Enter a number: ");

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

bool prime = PrimeNumber(n);

if (prime)

{

Console.WriteLine("{0} is a prime number", n);

}

else

{

Console.WriteLine("{0} is not a prime number", n);

}

Question- 05: **Take a number from user and find its square.**

Solution:

int n;

Console.WriteLine("Enter a number");

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

int square = n \* n;

Console.WriteLine("The square of {0} is {1}", n, square);

Question- 06: **Take 10 numbers from user and find the average of them.**

Solution:

int sum, i, n;

sum = 0;

double avg;

Console.Write("Input the 10 numbers : ");

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

{

Console.Write("Number-{0} :", i);

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

sum += n;

}

avg = sum / 10.0;

Console.Write("The sum of 10 numbers is : {0}\nThe Average is : {1}\n", sum, avg);