Assignment-24-03-2023

public void ArrSort(int[] arr)

{

for(int i = 0; i<arr.Length; i++)

{

for(int j = 0; j <i+1; j++)

{

if (arr[j] > arr[i])

{

arr[i] = arr[i] + arr[j];

arr[j] = arr[i] - arr[j];

arr[i] = arr[i] - arr[j];

}

}

}

PrintArr(arr);

}



public void RevArr(int[]arr) {

Console.Write("[");

for(int i = arr.Length-1; i>=0; i--)

{

Console.Write(arr[i]+ ", ");

}

Console.Write("]");

}



public void RemDup(int[] arr)

{

for (int I = 0; I < arr.Length; i++)

{

for (int j = I + 1; j <= arr.Length – 1; j++)

{

if (arr[i] == arr[j])

{

//Console.WriteLine(Arr[i]);

arr[j] = 0;

;

}

}

}

PrintArr(arr);

}



public int ArrSum(int[] arr,int n)

{

if(n == arr.Length)

{

return 0;

}

return arr[n] + ArrSum(arr, n+1);

}



public void IsPal(int num)

{

int numDup = 0;

int t = num;

while(t > 0)

{

numDup \*= 10;

numDup += t % 10;

t /= 10;

}

if(numDup == num)

{

Console.WriteLine("{0} is Palindrome", num);

}

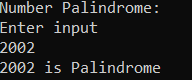
else

{

Console.WriteLine("{0} is not Palindrome", num);

}

}



public void PrintOdd(int[] arr)

{

Console.Write("[");

for (int i = 0; i<arr.Length; i++)

{

if (arr[i] % 2 == 1 & i < arr.Length - 1)

{

Console.Write(arr[i] + ", ");

}

else if (arr[i] % 2 == 1)

{

Console.Write(arr[i]);

}

}

Console.Write("]");

}

