**C++ Virtual Lab – BCA – 3rd Semester – 13112020**

**/\* WAP to print the sum of series upto 10 \*/**

**#include<iostream.h>**

**#include<conio.h>**

**void main()**

**{**

**int i=0,sum=0;**

**while(i<=10)**

**{**

**sum = sum + i;**

**i++;**

**}**

**cout<<"\nSum is: "<<sum;**

**}**

**/\* WAP to check a number is Prime or not \*/**

**#include<iostream.h>**

**#include<conio.h>**

**void main()**

**{**

**int i,n,c;**

**cout<<"Enter the number: ";**

**cin>>n;**

**i = 1;**

**c = 0;**

**while(i <= n)**

**{**

**if(n % i == 0)**

**{**

**c++;**

**}**

**i++;**

**}**

**if(c == 2)**

**{**

**cout<<"Prime Number";**

**}**

**else**

**{**

**cout<<"Composite Number";**

**}**

**}**

**/\* WAP to check a number Palindrome or not \*/**

**#include<iostream.h>**

**#include<conio.h>**

**void main()**

**{**

**int n,temp,d,rev=0;**

**cout<<"Enter the number: ";**

**cin>>n;**

**temp = n;**

**while(temp != 0)**

**{**

**d = temp % 10;**

**rev = rev \* 10 + d;**

**temp = temp / 10;**

**}**

**if(rev == n)**

**{**

**cout<<"Palindrome Number";**

**}**

**else**

**{**

**cout<<"Not a Palindrome Number";**

**}**

**}**

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