

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";
    }
}
```
