

Conditional and Control Statement

Q1- WrpProgram to print positive number entered by the user and skipped negative number.

Ans1-

```
#include <iostream>

using namespace std;

int main()
{
    int num;

    cout << "Enter an number: ";

    cin >> number;

    if (num > 0)
    {
        cout << "this is positive number: " << num << endl;
    }

    return 0;
}
```

Q2- Wrp to Check number is prime or not.

Ans2-

```
#include <iostream>

using namespace std;
```

```
int main()
{
    int i, num;

    bool primeno = true;

    cout << "Enter a value of num: ";

    cin >> num;

    if (num == 0 || num == 1)
    {
        primeno = false;
    }
    Else
    {
        for (i = 2; i <= num / 2; i++)
        {
            if (num % i == 0)
            {
                noPrime = false;

                break;
            }
        }
    }

    if (isPrime)

        cout << num << " is a prime number";
```

```
else  
    cout << num<< " is not a prime number";  
    return 0;  
}
```

Q3- WrpSum of Natural Numbers.

Ans3-

```
#include <iostream>  
using namespace std;  
int main()  
{  
    int a, sum = 0;  
    cout << "Enter the value of a: ";  
    cin >> a;  
    for (int i = 1; i <= a; ++i)  
    {  
        sum += i;  
    }  
    cout << "Sum = " << sum;  
    return 0;  
}
```