```
Assignment -11/
```

Date: 30.06.22

```
1 "Sum of first N natural number

#include < Stdio. hy
int main()

int i, n, s;

Rintft' Enter the last natural number = ");

Sconft' ':d', &n);

for (i=1; ix=n; i++)

$\frac{2}{5} = 5+i;

Rintft'' Sum = '1, d', S);

}
```

2. // Sum of first N even natural number

```
# include XStdio.no

int main()

int main()

int n,i, s;

Reintt("n=");

Scont("xd", 2n);

K=n;

for(i=1:nx=10:i++)

if(ix2==0)

if(ix2==0)

S=S+i;

n--;

Reintt("Sum of tirst xd

ratural number="xd", K, S);
```

3. If Sum of first n add natural number

#include xstdio.hy

int movine;

int n\_i, s;

Rentft'n=");

scantft'n=");

xantft'n="];

fon(i=1; Renx=1; i++)

if (ix2==1)

S=S+i;

n--;

Printft' Sum of first v.d

natural number=x.d", K, S);

```
4. 11 Sum of fisque of first n natural number
                                       7. // Count digit of a given numb
     #include LStdio. W
      int main ()
                                          # include LStdio. h>
                                             int mains)
      int n,i,s;
                                            1 just don
       Beinffe n=");
                                                 Reintte n=");
       Sconft' "d", In!;
                                                 sconft" "d", 2n);
       fon(=1;ix=n;i++)
                                                  while (n!=0)
        S=S+(i*i);
                                                       count ++:
       Bintle" sum of fresquire of first ".d
                                                      V= N/10
             harwal number = "d", n, s);
                                                  Printfe" Total digit = 1.d, county
5. 11 Sum of cube of first n natural number
     #include & Stdio. h)
                                         11 wheather a given number is
      int maine)
                                            Prime or not
       ind n
       Beinfte" n=");
                                            #include XStdio. Nx
                                              int mains
       Sconff" "d", In);
      fon(i=1; ix=n; i++)
                                                int iz, i, count=1;
                                                Printf(" n=");
          S=5+ (inini);
                                                Scort(" ". d" 2n);
                                                 for (i=2, i <= 1/2; i++)
      BinHe" cubes of Sum = "d", S);
                                                      トールが
                                                      if (P==0)
6. 11 factorial of a number
                                                     Count ++;
   #include KStdio.nx
                                                 it (count == 1)
    int maine
                                                 Brintfly " d Rime number", n);
   { int n., f=1, i;
                                                 else
                                                 Brintly not a prime number");
      Bentte n=");
      scont(",d", 2n);
                            Brintl' factorial of "the is = "the" !!
   1 fonci=1 ) i <= n ; i ++).
      ナーナかり
```

9. 11 LCM of two number 10x // Reverse a given number #include & Stdio. N # include LStdiv. h> int maines int moines int no rev = o, p; int m, n, max Reinby n="); Sconf(" ".d", dn); Reinffl' Enter two number ="); While (n!=0) Sconft' "d "d", &m, &n): max = mxn ; m:n; r=n1.10; while ( 1) LEN=LENAID +L; 2 iff max 1, m = =0 Ad max 1, n ==0) N=N/10; Print(" Reverse = "rd", rev); Rintl' I CM of xd and xd = xd; m, n, max); break; else max++;