```
Assignment-6
# include < stdio. h}
int main ()
    8nt sum = 0, i = 0;
    while (1)
         (++;
         sum = sum + i°;
printf ("o/od \n", sum);
  returno;
```

```
Ent main()

Int sum = 0, l=0;

while (1)

chile (1)

i++;

If (log 2 == 0)

sum = sum+l

printf ("oled in", Elum);

return 0;
```

```
3 # include 2 stolio, h p
   ent main ()
       int 020, sum=0;
        while (1)
            に++;
            If ( (%21=0)
                sum = sum + i;
                projute ( , o/od , saw).
          6 readerson,
         return o;
   It include estations
     Ent main ()
     2 ent 0, sum= oins
        for (0=1; ; i++)
           m = 8xi;
             sum = sum + m;
             printf ("Sum of square N natural
                     number = o/od", sum);
          return o;
```

the include < ctdio. h /o

in main ()

in for ((=1; ; i++))

a m = (* i* i;

sum = sum + m;

printf ("Sum of cubes of N natural
number = olod", sum);

return 0;

@# include (stalio.h) Introcein () of enti, int n, fact = 1; prints ("Enter a number"); ecant ("ded", an); for (i=1 ; i(=n; i++) fact = fact * i'; printf (old, fact); return o; # Include < stdio h / int main () of Ent algit, rom, count = 0; printf ("Enter a digit"); Seanf ("olod", salgit); while (digit to) digit/=10; prinf("/od", caunt); returnoj

a)

@ # include < stdio. h/ ent main () ont n.i print ("Enter a naupar")? scanf ("o/od", 2n); for((=2; ix=n-1; i++) # (no10 == =0) break; #((== x))# print ("privoe number,"); printf (Not prime number!); return 0, (9) # include 2 staio. h/ ent roain() entaibie, milem printf ("Ender a numbor"); Scorpf (" god god", 8a, 8b); If (a/b) cza; II (6 > a)

for(1=1, ic=0; i++) #(0%==088 == 0) 10 = C Icm = axb; print (,0/09, 1cm)? returno; (1) # in clude 2 stdio. hy int maines int n; printé ("Enter a number")? scarf ("ord", 2n); int rem, sum = 0 cohile(n>0) rem = no/, 10; -Sum - sum - romx1 Zrise = sees + zrise * + 20. 1/=10 printf ("rexerse num bors=1.0di", sour