

Sum of Natural Numbers

Class Mai E Public static vold mais (string [] args) {

ind sum=D;

for (i= 0; i=10; i+1)

Sun = Sun +i

System. out pluth (sum)

2) Check the our is pring

Clas Main E

Public Statu Vold mais (String 13, args) {

pr (i=0; c <= n; i+1)
2
4 n.1. i == 62

System out prent la (prime)

System out printle (hot princ)

To find factorial

Class Main & public static rold main (steing [] argi)

int n fact = 1

for (ind 1=0; i <= n; i+1) {

g fait = fait * i

System, out, pent (n (fact) y

9

1 Wares

(CX 1) 3 6 W

Fibonacci Series das Main E Public Static vold main (String 1) arga) { "int a = 0; unt 6 = 1; ist c,n; (= a+b) c = a; a - b; system out paid de (c); Reverse a Stationber class Main ? Jublic state vold mais (string [Jarg) & at general = 0, Original, N, W; while (no) & Osignal - revessed + 10+97; n= n/log If Osiginal = 2 severed & System. Out plant le Crevers orum); Palindrome Class Haw (public statu vold main (String [] arge) { int reversed : 0; Original, v, n While (aso) { えこれにし Original - reversel × 10 +8 h 1.-10.

Class Hair () public statu void main strug [] orgs & Int n, Sum 9; while (no): 1= h1.10; Jun = Sun + (249749) 2 h/10; y (n== Sun) I System - Out paut Warnetsong) 3 3 System. Out. peutle (rot); Sum of digit Class Mair { public state vold main (strong [] args) [int n, San, 9, While (h>0)E n=9.1.10; Sum = Sum +9; 27/10; 3 System : Out printle (sum); Square Root import java util class Han E public static void main Cating GS. args & int h; System. Out. Plutte (Squet (4))

Long year class Hain E public static void main (stong [], args) & Int nj J (n.1.4==0) { System aut. partle (leop year); system out printle (not). W Number divisible by 5\$7. Class Hair & public static void main (strugt], args] { y (h1.5==0 and y h1.7==0){ System out prest la ("Divisible"); System - Out printle ("hot "); Decimal to binay: Class Main & Public, Stalie void main (string [?, args) & string binary 2 "10010", int decimal = bairary to decimal (binary); System out . printle (declinal): Bing to down Cel to Jaharret Clay Hais & Public statio Void main (Staing [], args) & double Celisius = 20.0; double fahrenhite = (Celcius # 1.8) + 32, System out peuta (colors + "in equal to" + forheart + "F");

```
Binary to Decimal
  Class Main &
   public statu void Mais (String [], augs) &
     Strains 5 may = "10015"
       Int decimal = 45;
       Staring binary - dealand to binary (decime);
    3 System Out prestle ( Binary),
Fahrenhit to Celsius
 Class Mais {
   Public Static Void mein ( String [], args) {
       doubte fahrenht = 68.0,
       double celeius = (fabrechit-32): 0.556;
       System out peutla ( Jahrenhit + "for is evual to" + celsins + "(");
900:
Class Main E
  public static Void main (String [] args)
       int 0,5, god;
          y (6=20) E
          3 return ged (b, a:1.6);
          int num 1 = 30, num l=20
            1 sm small a god ( mun ) non 2)
```

System out plent la (Result);

15)

16)

Public class Hair & public statice it ged (int of int b) (4 (6000) 21 2 return a; · return ged (b, a.y.b); public = static int (cm (inta, intb) & return (a+6) /ged (a, b); Public Static Void main (string [], args) & 1 hund = 12, non 2 = 15 Sute set (Con (num / num 2); 3 System out - pruths (result); Respect humber Class Mais & public static void (String [], args) long the Soum = 0!

Plafet humber

Class Main E

Public static Word (String [], augs)

Long & h, Soum = D!

wit C = 1,

While (9 <= h/2)

[Sum = Sum + i)

System. Out. printle ("pufed")

System. out. printle ("nd").

3

Happy Number Clas Hair & Public statice Void main (Thing [], args) & Int rem = 0, Sum = 0; int num; While (hums) San = meni/ 10; Sun = Sun + (Sent lem) hum / - 10) Return Sun; y (result ==1) System. out. printle ("happ number"). Esse System. Out . printle (" Not"); 22 Sum of odd number Class Hain & public static main (stants], argo { int i, sum = 0; for Cial; ca=hit = 2) { y (ix.4==1) Som = Sun + i; Sur = Sun - i; System. out printle (sun);