



(XXI) sum of digits

(XXII) Armstrong no

(XXIII) prime or Not

(XXIV) Fibonacci series

(XXV) ~~Increment/Decrement~~ output  
Decimal to Binary No

Output program

(I) if-else

(II) Loop (for, while, do-while loop)

(III) Switch case

(IV) break, continue

(V) Array

(VI) Function

(VII) Increment Decrement

(VIII) Structure

SUNDAY 22

(IX) Find Address / Memory Address

prime no or NOT

Q Write a program in C++ to check whether the given number is prime or not.

```

10 #include <iostream.h>
11 #include <conio.h>
12 void main()
{
clrscr();
int n, i;
cout << "Enter a number";
cin >> n;
for(i=2; i<n; i++)
{
if(n%i==0)
break;
}
if(n==i)
cout << "prime no";
else
cout << "Not prime no";
}

```

16

MONDAY

(259-106) WK 38 SEPTEMBER

Fibonacci Series 2 Thousand

Q Write a program in c++ program to print fibonacci series:

0 1 1 2 3 5 8 13 21 34 55 ... upto n term

```
#include <iostream.h>
```

```
#include <conio.h>
```

```
void main ( )
```

```
{
```

```
clrscr();
```

```
int first = 0, second = 1, third, n, i;
```

```
cout << "Enter value of n";
```

```
cin >> n;
```

```
cout << first << " " << second;
```

```
for (i = 1; i <= n; i++)
```

```
{
```

```
third = first + second;
```

```
cout << " " << third;
```

```
first = second;
```

```
second = third;
```

```
}
```

```
getch();
```

```
}
```

output

```
0 1 1 2 3 5 8
```

$$(57)_{10} \longrightarrow ( \quad )_2$$

2	28	-	1
2	14	-	0
2	7	-	0
2	3	-	1
2	1	-	1
0		-	1

$$(111001)_2$$

2012

Write a program in C++ to accept a decimal no. and display equivalent Binary number.

$$\text{eg } (57)_{10} \longrightarrow (111001)_2$$

```
#include <iostream.h>
```

```
#include <conio.h>
```

```
void main()
```

```
{
```

```
clrscr();
```

```
int n, stem, x[20], i=0;
```

```
cout << "Enter a decimal no ";
```

```
(normal no) /
```

```
cin >> n;
```

```
while (n != 0)
```

```
{
```

```
    item = n % 2;
```

```
    x[i] = item;
```

```
    i++;
```

```
    n = n / 2;
```

```
}
```

cout << "equivalent Binary number";

```
for (i = i - 1; i >= 0; i--)
```

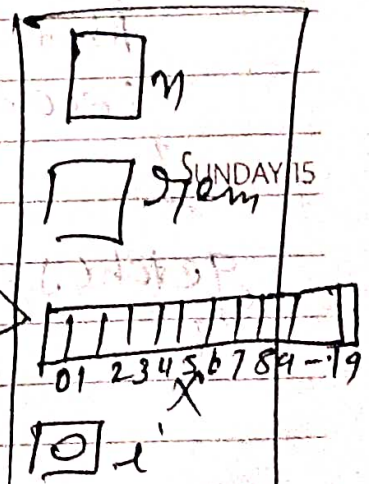
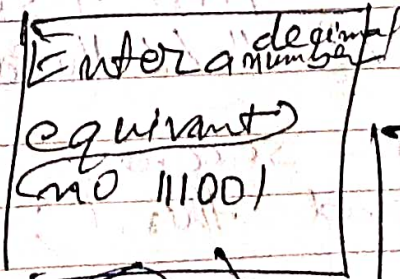
```
{
```

```
    cout << x[i];
```

```
}
```

```
getch();
```

```
}
```



Find Quotient & Remainder  
9th class 77

Sargal Sir  
Vibha Computer  
9162248534

THURSDAY  
JULY

Write a program in C++ to accept number and divide by another no then find quotient & remainder.

$$\text{quotient} = a/b$$

$$\text{remainder} = a \% b$$

```
#include <iostream.h>
#include <conio.h>
void main()
{
  clrscr();

  int a, b, quotient, remainder;
  cout << "Enter value of a, b";
  cin >> a >> b;
```

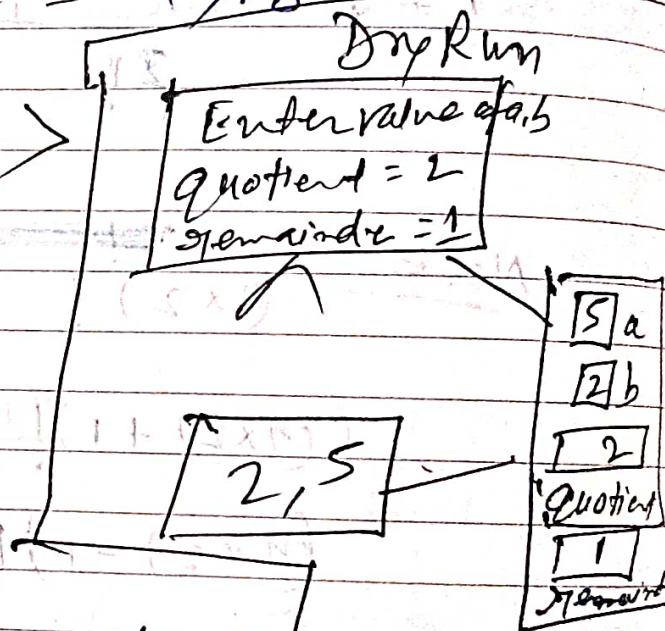
```
  quotient = a/b;
```

```
  remainder = a % b;
```

```
  cout << "quotient = " << quotient << "\n";
```

```
  cout << "remainder = " << remainder;
```

```
  getch();
}
```



Vibha Computer  
Sargal Sir

20/08/18

Find year month week & days

05

FRIDAY

JULY WK 27 (186-179)

Write a program in c++ to accept a number of days then convert into <sup>equivalent</sup> years, months, week and days.

```
#include <iostream.h>
```

```
#include <conio.h>
void main()
{
```

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Sargolpur

```
close();
```

```
int totaldays, years, months, week, days,
```

```
    d, d1;
```

```
cout << "Enter total no. of days in digits: "
```

```
cin >> totaldays;
```

```
years = totaldays / 365;
```

```
d = totaldays % 365;
```

```
months = d / 30;
```

```
d1 = d % 30;
```

```
week = d1 / 7;
```

```
days = d1 % 7;
```

```
cout << "Year = " << years;
```

```
cout << "Month = " << months;
```

```
cout << "Week = " << week;
```

```
cout << "Days = " << days;
```

```
getch();
```

AUG - 2019

M	T	W	T	F	S	S	M	W	T	F	S	S	M	T	W	T	F	S	S											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



01

MONDAY

Type IV

2 Thousand 19

(182-183) WK 27

JULY

Write a program in C++ to calculate factorial of any given no.

$$\text{eg } 4! = 4 \times 3 \times 2 \times 1 = 24$$

$$5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$$

#

#

void main()

{

clrscr();

int d, fact = 1, n;

cout &lt;&lt; "Enter value of n";

cin &gt;&gt; n;

for (i = n; i &gt;= 1; i--)

{

fact = fact \* i;

}

cout &lt;&lt; "\n fact = " &lt;&lt; fact;

getch();

}