LIVE

Online Class

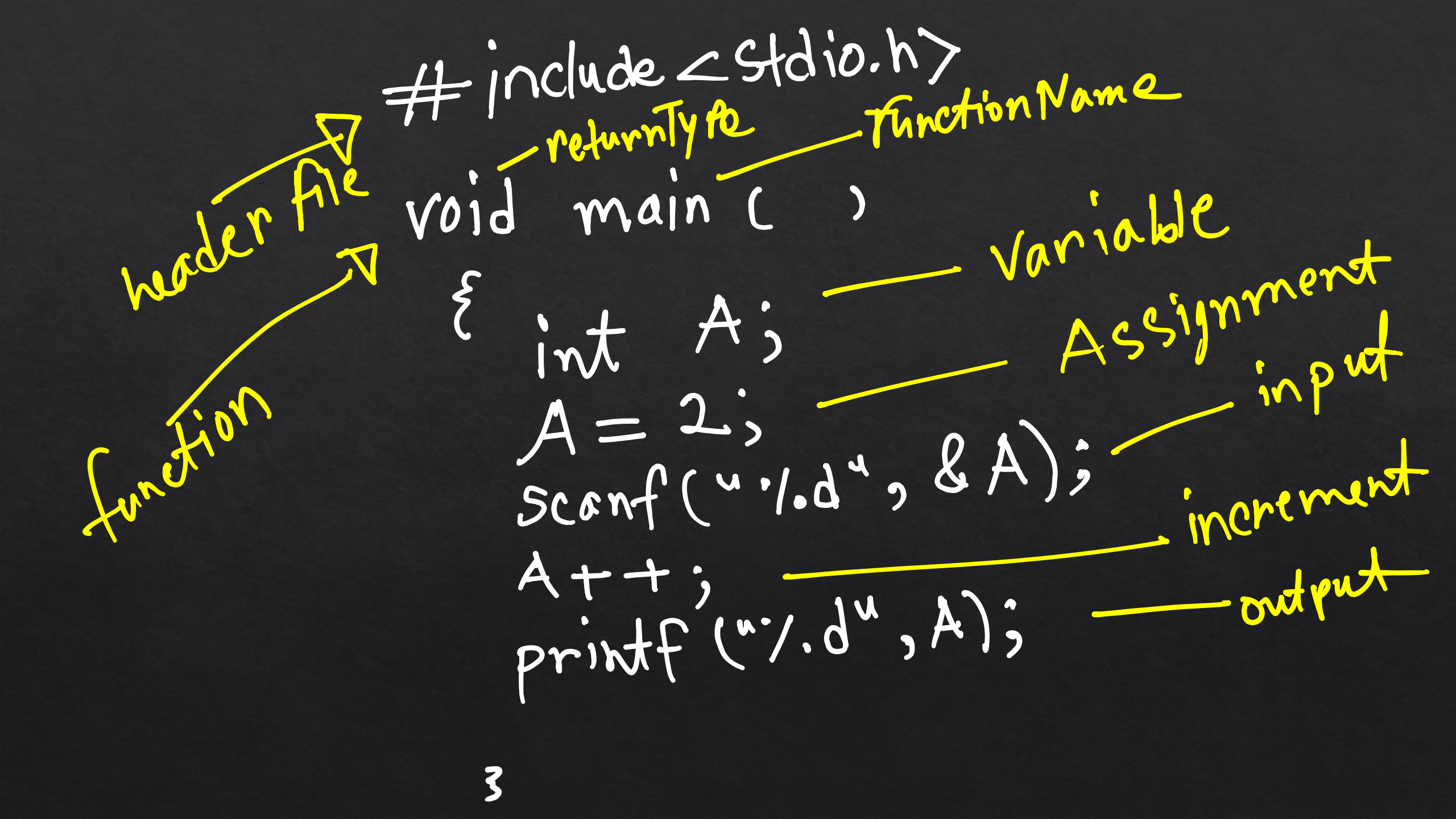
printf (“Hello World”) ;

Kowshique Roy

Studying MSc in Computer Science (PMSCS) at

Jahangirnagar University

Whatsapp: 01765236683 Mail: kowshiqueroy@gmail.com Youtube: Dadar Class দাদার ক্লাস


#include<stdio.h>
void main()
{
int A;
A=2;
scanf("%d",&A);
A++;
printf("%d",A);
}
header file
function
returnType
functionName
Variable
Assignment
input
increment
output

Condition

R=1
R=0

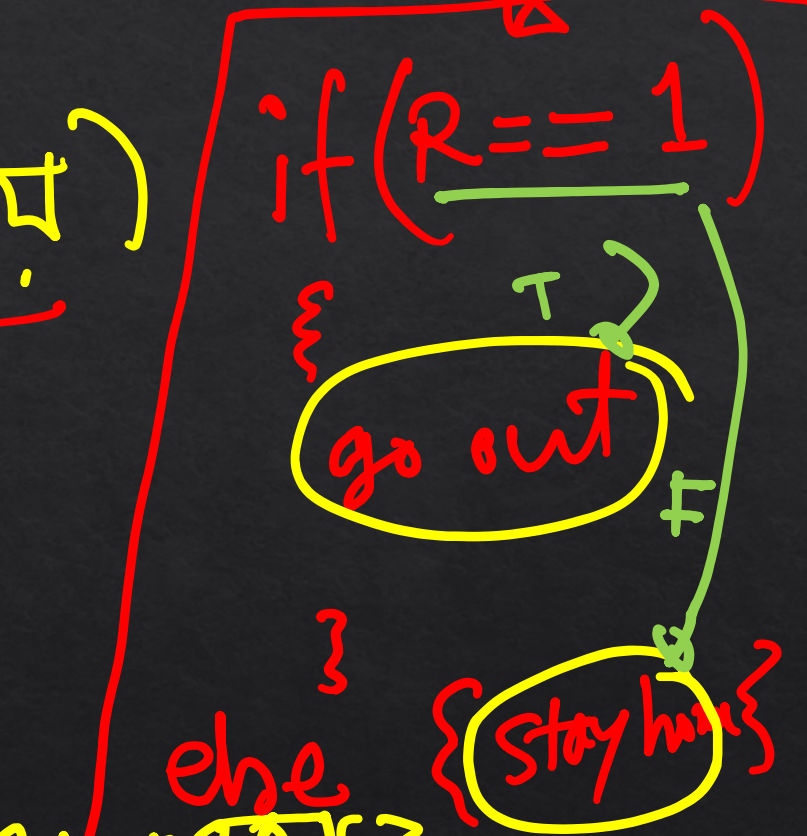
সম্ভব ক্রিয়া

শর্ত

যদি (বৃষ্টি হয়)

{ ভিজবে
বাইরে যাবো না

নতুবা { ঘরে থাকবো }



Conditional

শর্ত

Statement

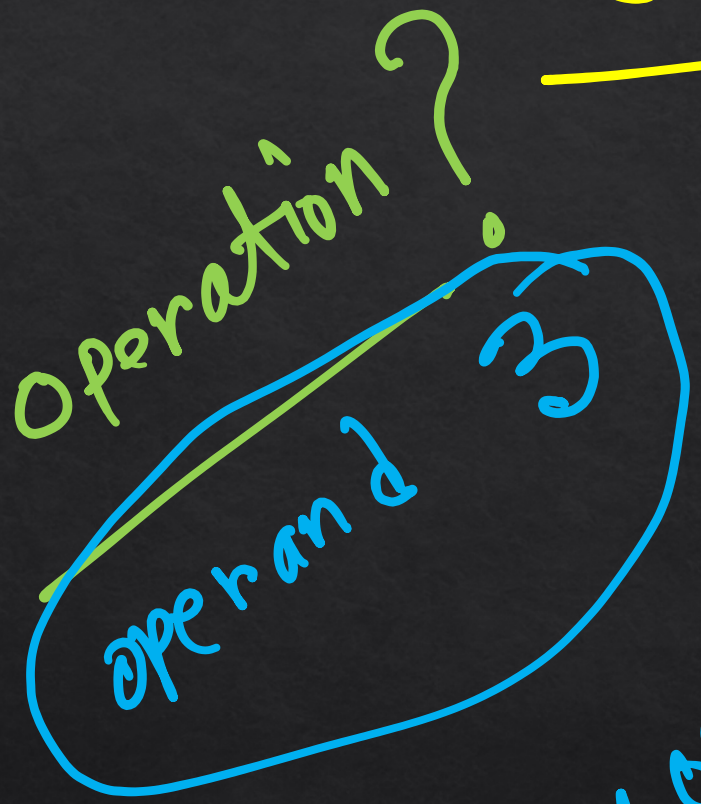
তথ্য বা সন্ধি

বিবৃতি

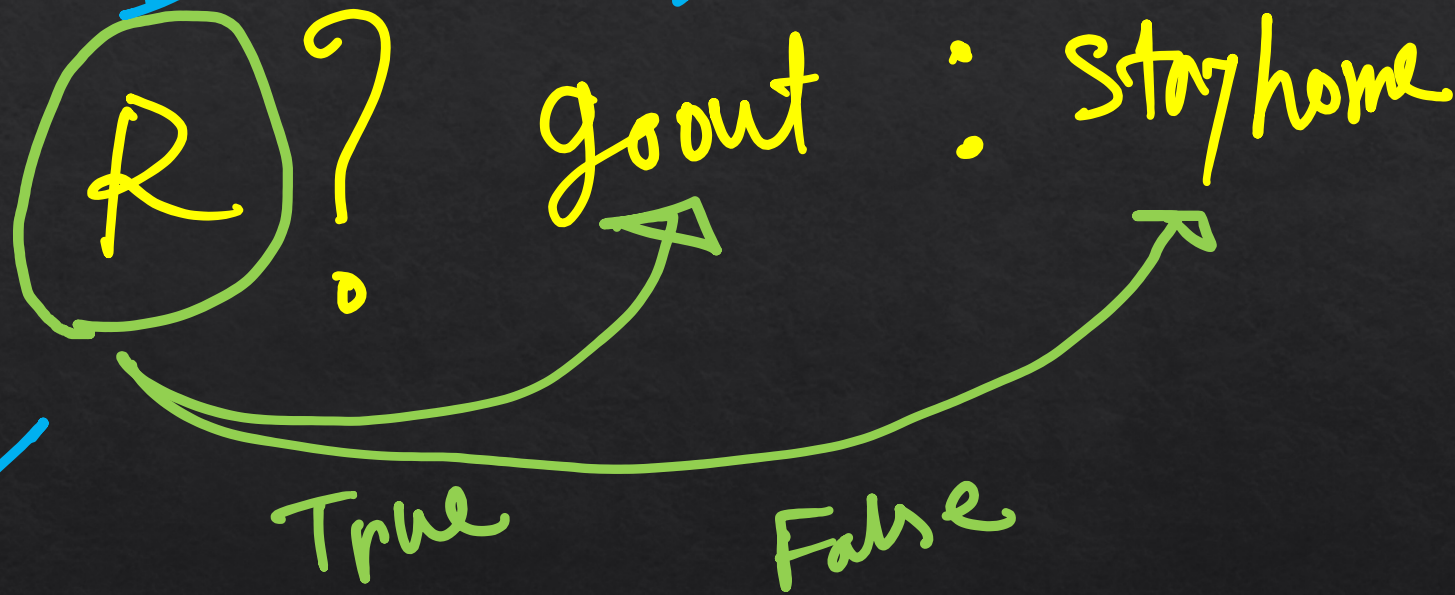
উপস্থাপন

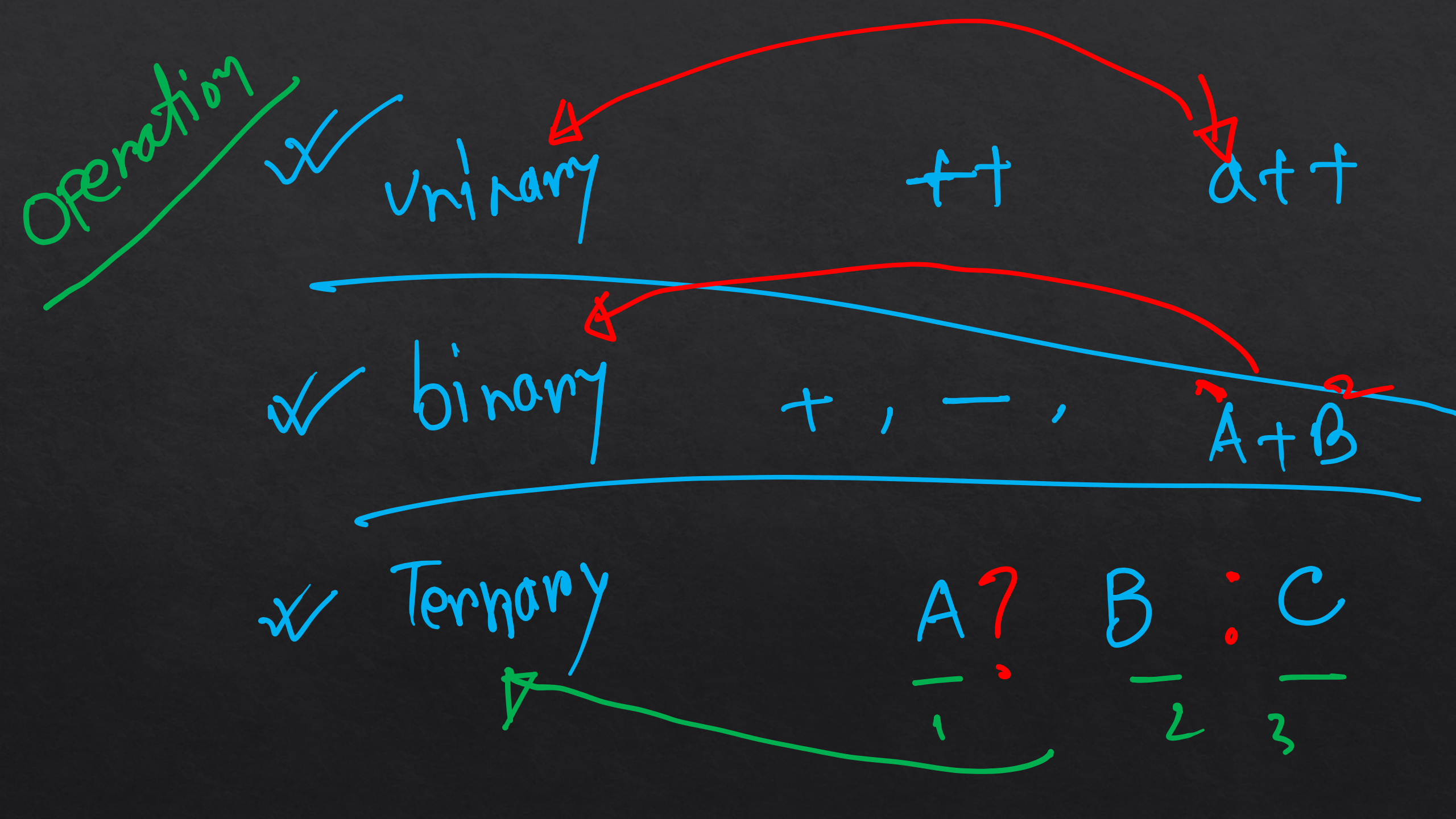
চিত্র বা লিখিত

Conditional Operator



Ternary operation




Operation
Unary
++
a++
Binary
+ , − ,
A+B
Ternary
A ? B : C
1
2
3

Conditional Statement / if else

OR

A >= 40 || A == 40

A == 40

AND

A >= 40 && A <= 100

```
int A;
scanf("%d", &A);
if (A >= 40)
{ printf("Pass");
}
else { printf("Fail");}
```

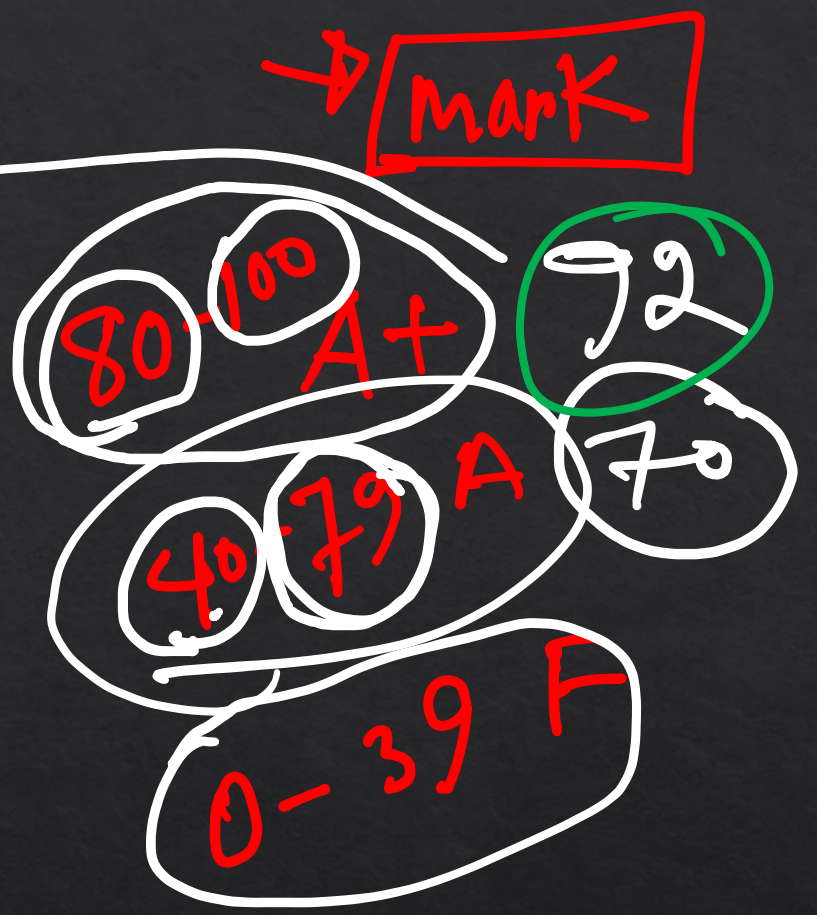
= 120

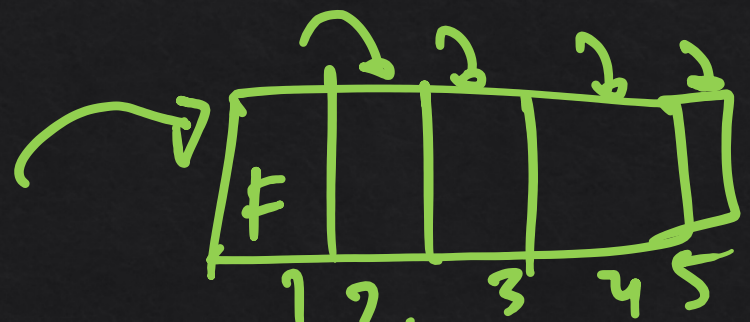
<=

92

M
int

```
void main ()
{ int M;
scanf("%d", &M);
if (M>=80 && M<=100)
{ printf("A+"); }
else if (M>=40 && M<=79)
{ printf("A"); }
else { printf("F"); }
}
```





if (শর্ত)

{

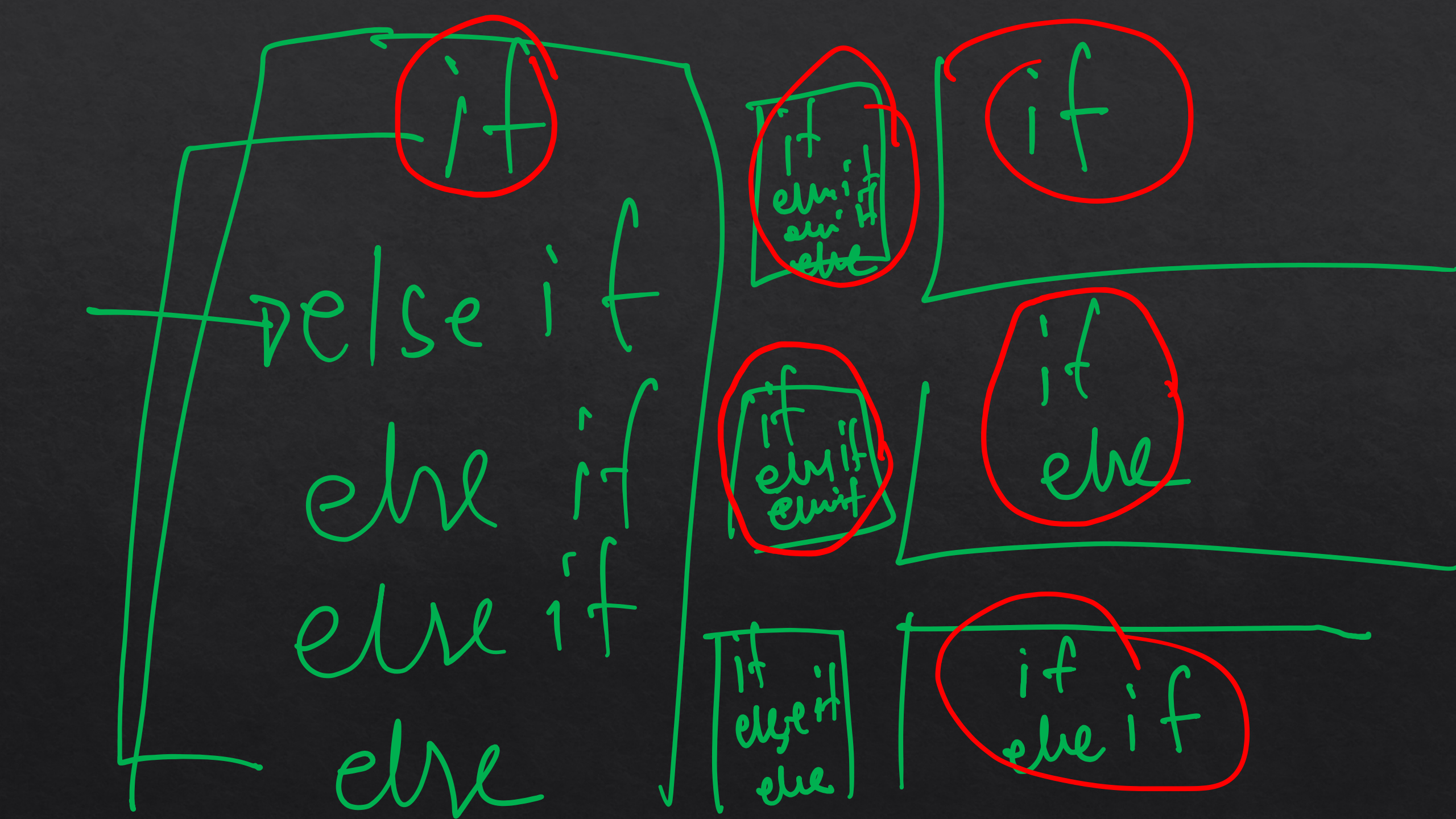
কাজ

}

else {

কাজ

}


if
else if
else if
else if
else
if
if
elseif
elseif
else
if
if
elseif
elseif
if
if
else if
else


if
else if
else

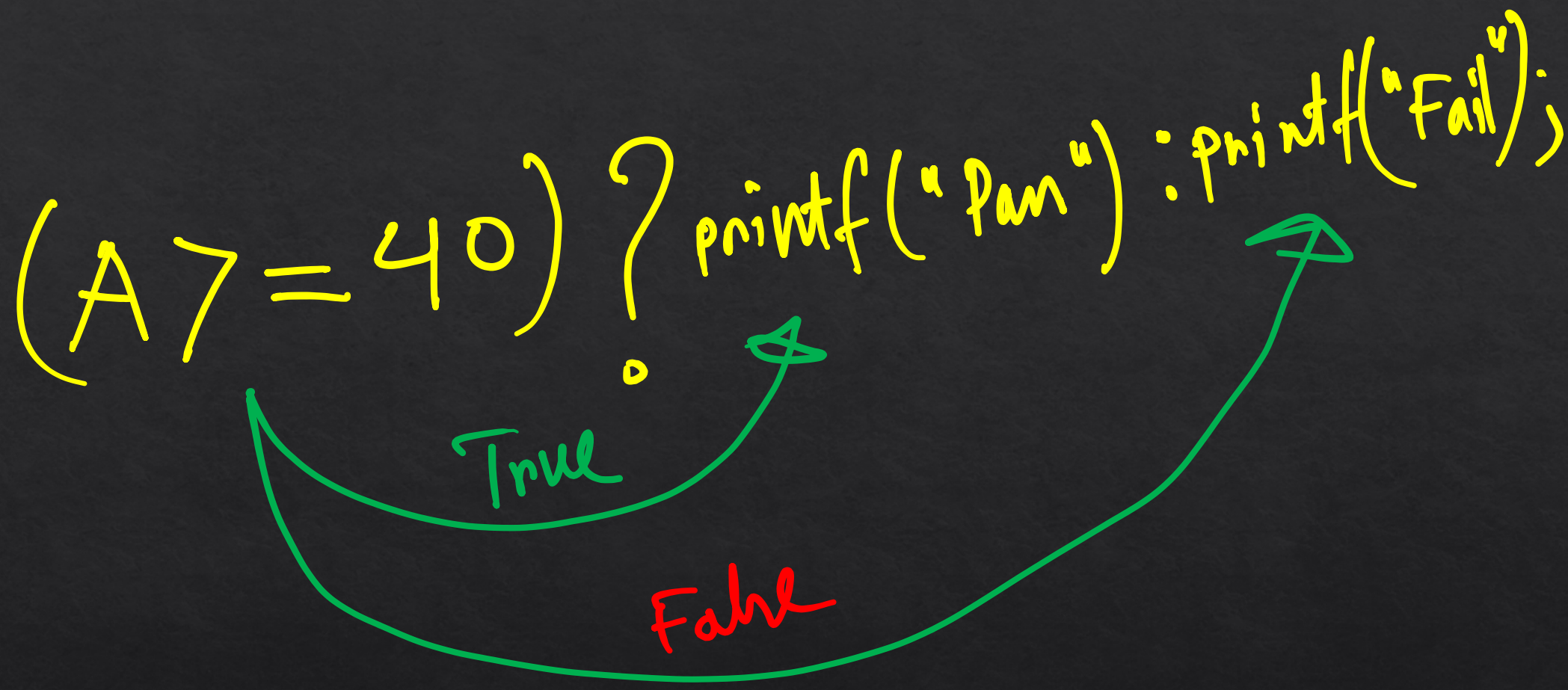
তুমি else যাবে ?

না

Conditional Statement

Conditional operator

(M>=80 && M<=100) ? printf("A+"); : Printf


(A7=40) ? printf("Pass") : printf("Fail");
True
False

A = 90

A > 50 ? p(hello) : p(hi)

50 35 → hello

(:) → hi

Operator

```
#include <stdio.h>
void main ()
{ int N;
  scanf("%d", &N);
```

500


```
  if (N==5)
  { printf("Five");}
  else if (N==10)
  {printf("Ten");}
  else if (N==50)
  {printf("Fifty");}
  else {_____ ?
  }
```

```
switch (N)
{ case 5 : printf("Five");
  case 10 : printf("Ten");
  case 50 : printf("Fifty");
  default: _____
}
```

Switch case

switch (কাজ চেক)

{ case 1: কাজ
case 2: কাজ
default :

N=6 N=5

if (N==5) { ≡ }

else if (N==6) { ≡ }

else if (N==7) { ≡ }

else { ≡ }

N=6 N=5 N=7

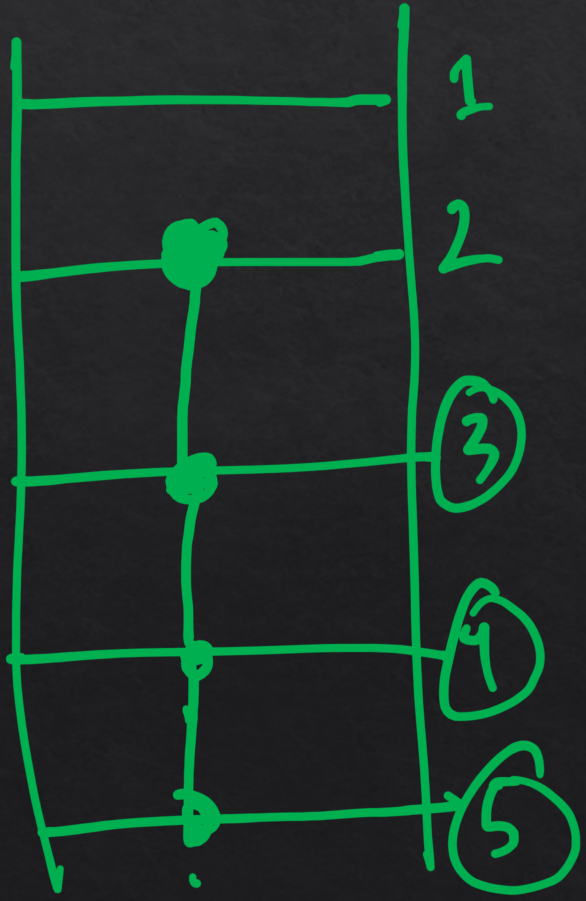
case 5: ≡ break; X

case 6: ≡ break; X

case 7: ≡ break;

default: ≡

Fall down

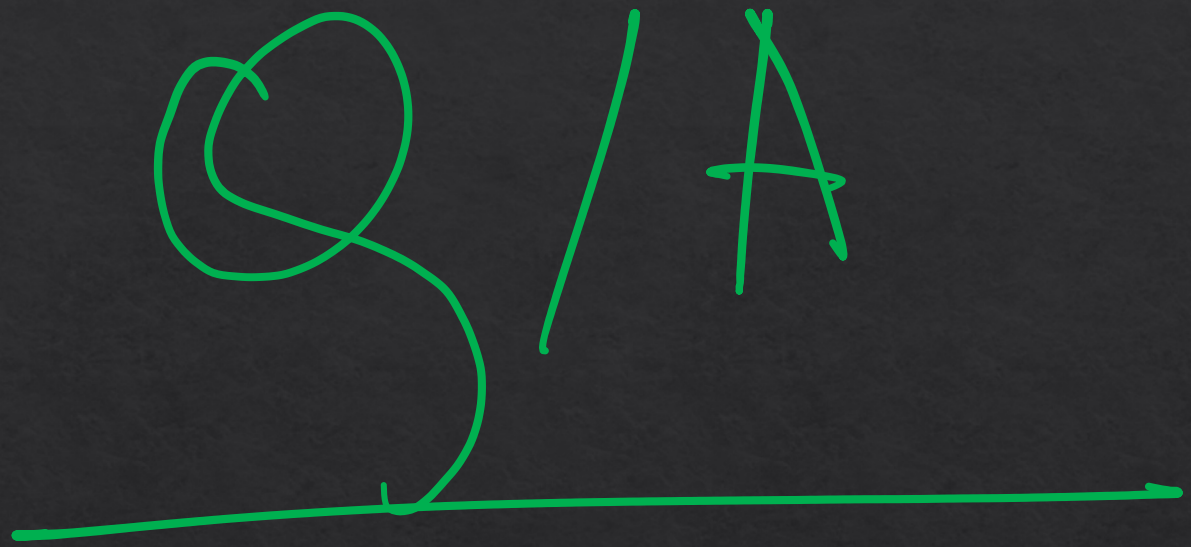


আংশিক

স্টেটমেন্ট স্কিপ দিল

break ;

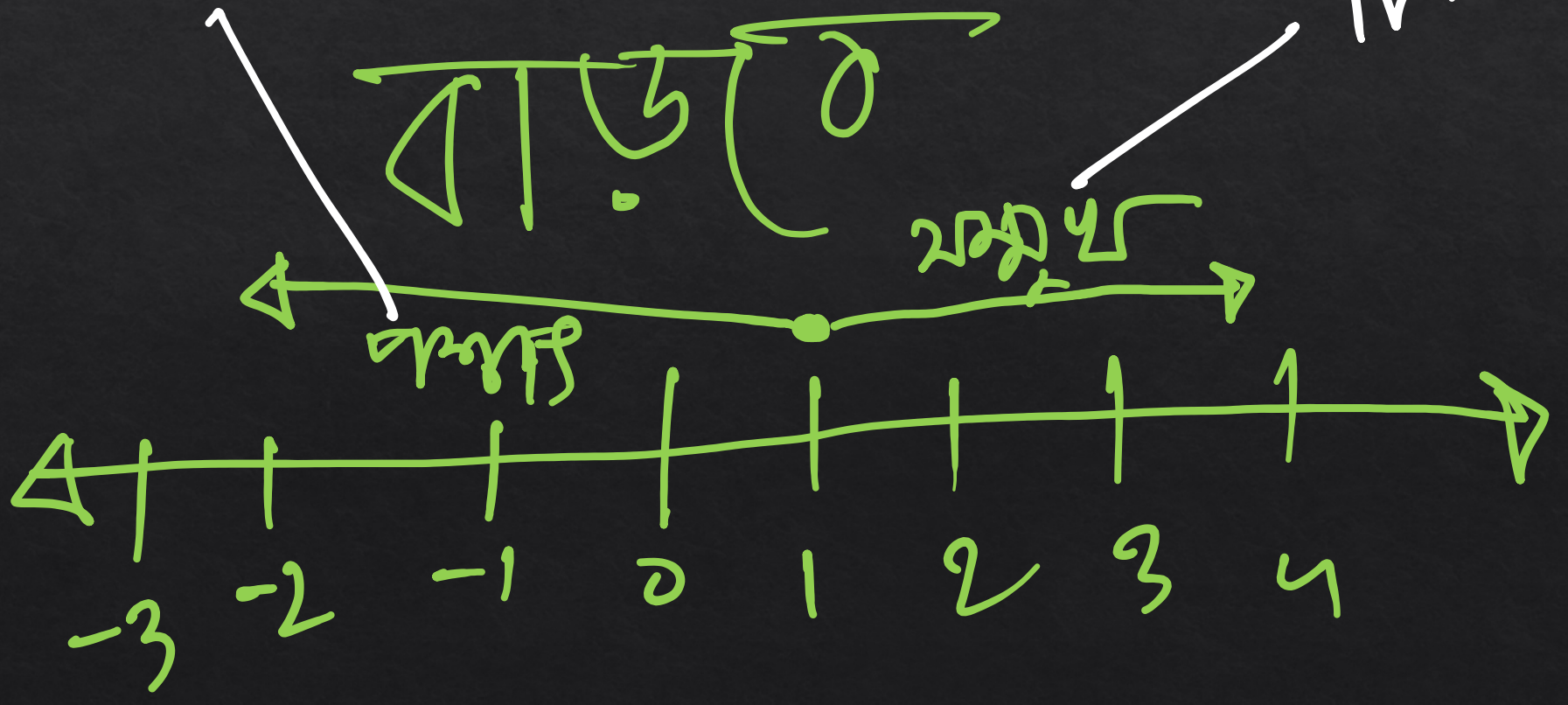
Switch Case



বৃদ্ধি

decrement

increment



a++ (a তে মান 1 বাড়বে)

a-- (a তে মান 1 কমবে)

Pre

আগে নিজের মান চেঞ্জ করে

তারপর

++a

--a

Post

প্রথমে অন্য কোন ভেরিয়েবলে মান পাঠিয়ে

নিজে পরে পরিবর্তন

a++

a--

a = 5;

+ ⇒ printf("%d", a) ← করবা কাজ?

"%d" → কাজ

a → কোন নাম্বার

⇒ printf("%d", a++);

"%d" → print

a++ → operation

```
a = 4;
printf("%d", ++a);
```


pre
post

A = 5 9 3 4 5

printf("%d %d %d %d", ++a, a++, --a, a--);

1 2 3 4

5 3 5 5

2

operands

RS