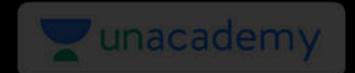




#### Control flow statements - Part V

Comprehensive Course on C- Programming

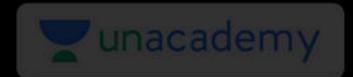


# CS & IT Engineering

C Programming Control Flow Statements-V



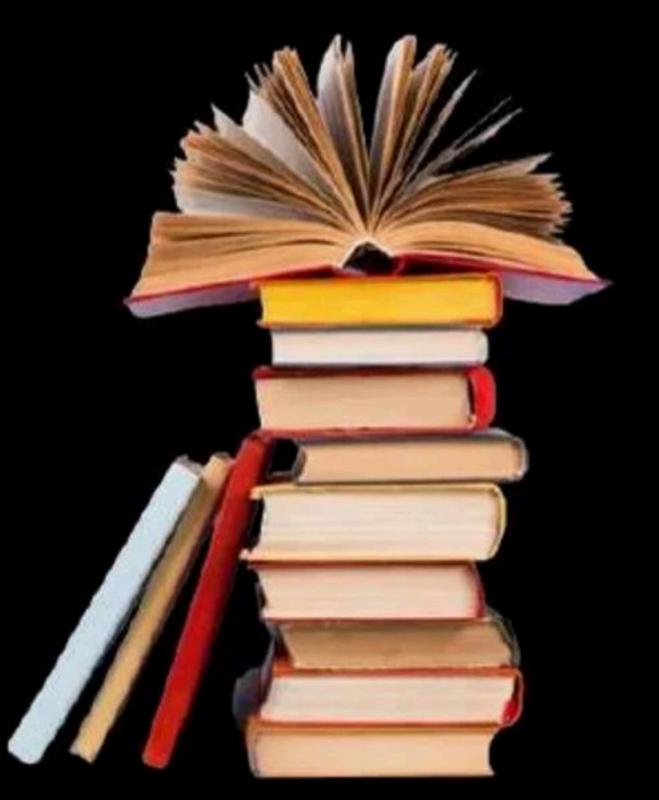
By- Pankaj Sir



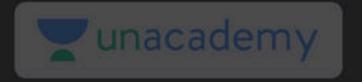


## Topics

to be covered



Switch statement



### switch statement

\*keyword: used to create selection statement with hultiple choices.

> Multiple chaices are Brovided with another frequent

## Tunacademy Switch (n) {

Case 1 : Code we want to execute if the value of n is 1

case 2 : Code we want to execute if the value of n is 2

break:

i Code we want to execute if the value of h does not match any case label.

2 x 5 13 A Evaluate A (3) Zunssicht (expression) {

Case constant,

block of statements

case constant ... blick of statements

Case constants:

block of statements

break;

break;

break:

de fault

blook of statements

break;

unacademy

int i = 3; 5 witch(i) {

Stote:

Matching

Case 1

printf ("one"); break;

de faul I

prints ("Three"); Sequential break;

; (Buaron, ) Hund break;

Stote:

Matching

Case 1 ; printf ("one");
break;

case 3 % - prints ("Three"): Sequential break;

de faul 1 " printf ("wrong");

break;

Three

int i = 3; switch (i) { / int("Three"); ~ Brintf ("Tour"); \$ ( "> c 20"); break ;

3 unacades witch (expression) { Expression Brintfl" Ankita" -> printf(" Panka") vd fre laak Switch(12.5) {

Switch(A)

Una Re Rant

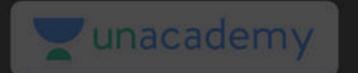
'A'+2

 $\frac{1}{1}$   $\frac{1}$ switch (i+3) {

5witch(i+3) 6/P:07 brint("5); Case break; de Lault printf ("0"); ~ · | printf("");/ case break ;

Pf("3"); c/s ( 1,4)

else is optional



int i = 3; 20(1)
switch (ix 3){

NO 0/P

default case 1

askional case 2

break;

· Printf("2");
break;

int := 3; Smitch (;43) { Valid grumny

int 1=3; swi4ch(i+3);

Switch();) ud Re Paeg

~ swirtch No Aufslicate case labels.

56/14ch ("1) { (Jd ke laat Case Case break;

ht=3, a=10, b=36; A case labels 5 witch ( i + 3) { must be => (6hstont/ literaly break: case lo botale; case 10+3 C450 10 x 3+4 case (print())

unacademy

Strateur & Bahubali

Break & Purpose

5614ch (1; 43) { Carc printf ("1"); case 1 printf ("2"); briak; code case bxutt-("3"); printf ("4"); break;

unacademy Switch (i + 3) { Biin+("1"); printf ("one"); ANever gets printed (ignore) break;

7

inlecadiny 2; switch (i) { 7 ignored Case 2 : printf ("2"); break; case 4 % printf ("4"); break;

If 
$$|h = 1| |h = 13| |h = 10|$$

(ode

(ode

CISE if  $|h = 2| |h = 10| |h = 15|$ 

(ode

(ode

Junacademy witch(i) { case 18: \*\*printf("Parkai"); bicap.

٢

**T**unacademy

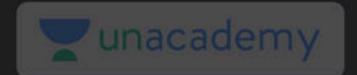
Not on all compiler

3

Switch (i) {

Case low high: Ispace Ispace

3



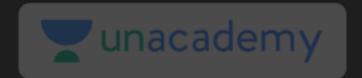
```
Switch (i) {
 case 1... 10: printf ("Hi");
                br cap;
 case 11...20: Brintf ("Bye");
```

- Dunbrieak is optional.

  (2) expression -> evaluates to be integer.

  (3) position of default does not matter, it
- (3) position of default does not matter, it can be anywhere to mid

  I send
- (4) Lessavit is optional.
- 5) Duplicate case Jabels not allowed.
- 6 (ase labels can only contains constant literals









#### THANK YOU!

Here's to a cracking journey ahead!