# Switch in C

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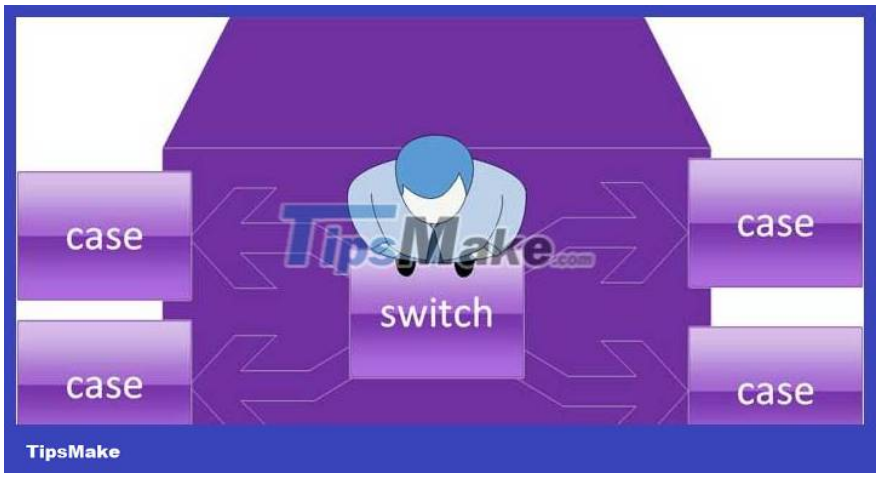


## Basic syntax of Switch in C

```
switch(expression) { case x: // code block break; case y: // code block break; d
```

Here's how it works:

1. The expression `switch`is evaluated once.
2. The value of the expression is compared with the value of each case.
3. If there is a match, the relevant block of code will be executed.
4. The command `break`exits the switch block and stops execution.
5. The command `default`is optional, specifying some code to run if there is no matching case.

The example below uses the number of days of the week to calculate the day of the week:

For example:

```
#include int main() { int day = 4; switch (day) { case 1: printf("Monday"); breal
```

## Break keyword

When C reaches the keyword `break`, it will exit the switch block. This action will stop further code deployment and test cases inside the block. When a suitable case is found, it means the job is complete. Now is the time to rest, no need for further testing.

A break can save a lot of implementation time because it skips execution of all the remaining code in the switch block.

## Default keyword

Keywords `default`specify some code to run if there is no matching case. For example:

```
#include int main() { int day = 4; switch (day) { case 6: printf("Today is Satur
```

Note: The keyword `default`must be used as the last command in `switch`and it does not require a break.

Above are **the things you need to know about Switch in** C. Hope the article is useful to you.

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