

PASCAL - BREAK STATEMENT

http://www.tutorialspoint.com/pascal/pascal_break_statement.htm

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The **break** statement in Pascal has the following two usages –

- When the **break** statement is encountered inside a loop, the loop is immediately terminated and program control resumes at the next statement following the loop.
- It can be used to terminate a case in the **case** statement *covered in the next chapter*.

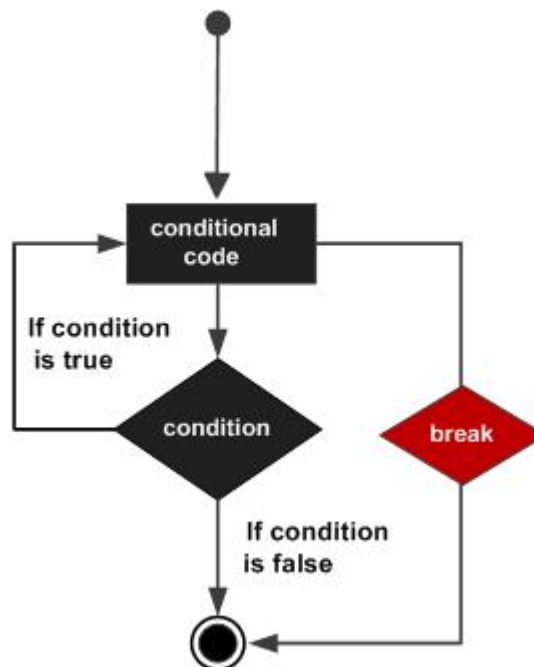
If you are using nested loops *i. e. , one loop inside another loop*, the break statement will stop the execution of the innermost loop and start executing the next line of code after the block.

Syntax

The syntax for a **break** statement in Pascal is as follows –

```
break;
```

Flow Diagram



Example

```
program exBreak;
var
  a: integer;

begin
  a := 10;
  (* while loop execution *)
  while a < 20 do

    begin
      writeln('value of a: ', a);
      a:=a +1;

      if( a > 15) then
        (* terminate the loop using break statement *)
        break;
    end;
  end
```

When the above code is compiled and executed, it produces the following result –

```
value of a: 10  
value of a: 11  
value of a: 12  
value of a: 13  
value of a: 14  
value of a: 15
```

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