Switch Case Statement

The Switch Case Statement in c is an alternate to if-else-if ladder Statement which allows us to execute multiple operating for the different possibles Values of a single Variable called Switch Variable.

Here we can define different statements in the multiple cases for the different Values of a single Variables.

{ Syntax }

```
switch (expression)
{
    case Value1:
    // code to be executed
    break;
    case Value2:
    // code to be executed
    break;
    .
    .
    .
    default:
    // code to be executed if all cases are
       not matched.
}
```

Rules for Switch Statement in C Language
—— x —————————— x ——

(1) The switch expression must be of an _integer_ or _character_ type.

(2) The case Value must be _an integer_ or _character_ constant

(3) The case Value can be used only inside the Switch Statement

(4) The break Statement in Switch case is used to provide the break in Switch Statement if any case match.

(5) _default_ is used to print the default Value if all cases are false

Flowchart